

Full-Length

## C10orf119 (Human) Recombinant Protein (P01)

Catalog # H00079892-P01

Size 50 ug

### Specification

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human C10orf119 full-length ORF ( AAH04183.1, 1 a.a. - 640 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sequence</b>                      | MPCGEDWLSHPLGMVQGFFAQNGVNPDWEEKVIEYFKEKLKKNAPKWVPSLNEVPLHYLKPNS<br>FVKFRCMIQDMFDPEFYMGVYETVNQNTKAHVLHFGKYRDVAECGPQQELDLSRNTTLERQT<br>FYCVPVPGESTWVKEAYVNANQARVSPSTSYTPSRHKRSYEDDDMDLQPNKQKQDHAGARQ<br>AGSVGGLQWCGEPKRLETEASTGQQLNSLNLSSPFDLNFPLPGEKGPACLVKVYEDWDCFKVN<br>DILELYGILSVDPVLSILNNDERDASALLDPMECTDTAEEQRVHSPPASLVPRIHVILAQKLQHINPL<br>LPACLNKEESKTFVSSFMSELSPVRAELLGFLTHALLGDSLAAEYLILHLISTVYTRRDVLPLGKFT<br>VNLSGCPRNSTFTEHLRYIQHLVPASFRLQMTIENMNLKFIHPKDYANRLVSGLLQLPSNTSLVI<br>DETLLEQQQLDTPGVHNVLTALSNLITWQKVDYDFSYPHMEFPCNINVFITSEGRSLLPADCQIHLQ<br>PQLIPPNMEEYMNSLLSAVLPSVLNKFRIYLTLLRFLEYSISDEITKAVEDDFVEMRKNDPQSITADD<br>LHQLLVVARCLSLSAGQTTLRERWLRKQLESLRRTRLQQQKCVNGNEL |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Theoretical MW (kDa)</b>          | 99.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Interspecies Antigen Sequence</b> | Mouse (92); Rat (93)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

### Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — C10orf119

**Entrez GeneID** [79892](#)

**GeneBank Accession#** [BC004183.2](#)

**Protein Accession#** [AAH04183.1](#)

**Gene Name** C10orf119

**Gene Alias** FLJ13081, FLJ36756, MCM-BP, MCMBP

**Gene Description** chromosome 10 open reading frame 119

**Omim ID** [610909](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** DNA replication is a carefully orchestrated process involving many proteins that assemble at origins of replication. Among these are the 6 proteins of the minichromosome maintenance (MCM) complex (e.g., MCM2; MIM 116945), which form a hexamer. Each MCM subunit performs an essential function in initiation and elongation of DNA replication. MCMBP can replace MCM2 in the MCM complex, thus forming an alternative MCM hexamer (Sakwe et al., 2007 [PubMed 17296731]).[supplied by OMIM]

**Other Designations** MCM-binding protein|OTTHUMP00000020612|minichromosome maintenance complex binding protein|minichromosome maintenance complex-binding protein

## Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)