Full-Length

# C9orf24 (Human) Recombinant Protein (P01)

Catalog # H00084688-P01 Size 50 ug

## Specification

| | |
|---|---|
| **Product Description** | Human C9orf24 full-length ORF ( NP_115985.2, 1 a.a. - 262 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | MFLFSRKTRTPISTYSDSYRAPTSIKEVYKDPPLCAWEANKFLTPGLTHTMERHVDPEALQKMAK CAVQDYTYRGSISGHPYLPEKYWLSQEEADKCSPNYLGSDWYNTWRMEPYNSSCCNKYTTYLPR LPKEARMETAVRGMPLECPPRPERLNAYEREVMVNMLNSLSRNQQLPRITPRCGCVDPLPGRLP FHGYESACSGRHYCLRGMDYYASGAPCTDRRLRPWCREQPTMCTSLRAPARNAVCCYNSPAVI LPISEP |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 56.6 |
| **Interspecies Antigen Sequence** | Mouse (77); Rat (75) |
| **Preparation Method** | *in vitro* wheat germ expression system |
| **Purification** | Glutathione Sepharose 4 Fast Flow |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| **Storage Instruction** | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| **Note** | 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 — C9orf24

| | |
|---|---|
| **Entrez GeneID** | 84688 |
| **GeneBank Accession#** | NM_032596.3 |
| **Protein Accession#** | NP_115985.2 |
| **Gene Name** | C9orf24 |
| **Gene Alias** | CBE1, MGC32921, MGC33614, NYD-SP22, bA573M23.4 |
| **Gene Description** | chromosome 9 open reading frame 24 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene was isolated using microarray hybridization to screen for gene expression differences between fetal and adult testes. The conserved testis development-related genes found in both human and mouse testes may include genes that are likely to be involved in testicular functions, including spermatogenesis. This gene had higher expression in adults, compared to 6-month embryos. The specific function of this gene product has not been determined. Alternative splicing has been observed at this locus and three transcript variants, each encoding a distinct isoform, have been identified. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000000492\|OTTHUMP00000000493\|OTTHUMP00000000494\|ciliated bronchial epithelium 1\|testes development-related NYD-SP22 |