

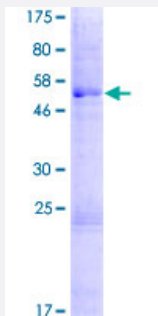
Full-Length

C5orf20 (Human) Recombinant Protein (P01)

Catalog # H00140947-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human C5orf20 full-length ORF (NP_570900.1, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MHYGAATHIQNSRSHGLETPVGHQRLERGAGGETPEFPGCHSPAPPENFGNELLPLSAPLQGLS
EGLYPPGRNKTLPAVLREGAVQFLHRGLCNSNLSSEASARPSGTQDELHSSRRKTGQTRREGA
RKHLVCSFRLYPFTVHTVSPGNLALYQVFKAVKLCPSETSFFLSRKSLKSSDPWHPPSLSPN
SWNRQAGFRAWSSHLISLSTCSDSQSRRVSSSQPPLHSLSSHRAAHVPE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

53.1

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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 — C5orf20

Entrez GeneID [140947](#)

GeneBank Accession# [NM_130848.1](#)

Protein Accession# [NP_570900.1](#)

Gene Name C5orf20

Gene Alias DCNP1

Gene Description chromosome 5 open reading frame 20

Omim ID [609710](#)

Gene Ontology [Hyperlink](#)

Gene Summary This intronless gene is specifically expressed in dendritic cells (DCs), which are potent antigen-presenting cells involved in activating naive T cells to initiate antigen-specific immune response. The encoded protein is localized mainly in the perinucleus. One of the alleles (A/T) of this gene, that causes premature translation termination at aa 117, has been associated with an increased prevalence of major depression in humans. [provided by RefSeq]

Other Designations dendritic cell nuclear protein 1

Disease

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