

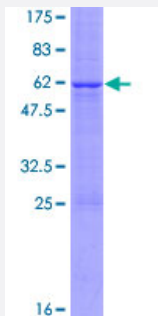
Full-Length

CER1 (Human) Recombinant Protein (P01)

Catalog # H00009350-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CER1 full-length ORF (AAH69491.1, 1 a.a. - 267 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MHLLLFQLLVLLPLGKTTRHQDGRQNQSSLSPVLLPRNQRELPTGNHEEAEEKPDLFVAVPHLVG
TSPAGEGQRQREKMLSRFGRFWKKPEREMHPSRSDSEPFPPGTQSLIQPIDGMKMEKSPLRE
EAKKFWHHFMFRKTPASQGVILPIKSHEVHWETCRTVPFSQTITHEGCEKVVVQNNLCFGKCGS
VHFPGAAQHSHTSCSHCLPAKFTTMHLPLNCTELSSVIKVVMLVEECQCKVKTEHEDGHILHAGS
QDSFIPGVSA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.5

Interspecies Antigen Sequence

Mouse (68); Rat (68)

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 — CER1

Entrez GeneID[9350](#)**GeneBank Accession#**[BC069491.1](#)**Protein Accession#**[AAH69491.1](#)**Gene Name**

CER1

Gene Alias

DAND4, MGC119894, MGC119895, MGC96951

Gene Description

cerberus 1, cysteine knot superfamily, homolog (Xenopus laevis)

Omim ID[603777](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a cytokine member of the cysteine knot superfamily, characterized by nine conserved cysteines and a cysteine knot region. The cerberus-related cytokines, together with Dan and DRM/Gremlin, represent a group of bone morphogenetic protein (BMP) antagonists that can bind directly to BMPs and inhibit their activity. [provided by RefSeq]

Other Designations

OTTHUMP00000022757|cerberus 1|cerberus-related 1

Pathway

- [Wnt signaling pathway](#)

Disease

- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)