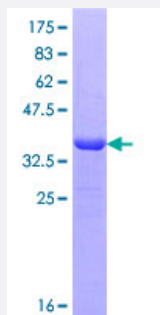


CER1 (Human) Recombinant Protein (Q01)

Catalog # H00009350-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CER1 partial ORF (NP_005445.1, 158 a.a. - 266 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HWETCRTVPFSQTITHEGCEKVVVQNNLCFGKCGSVHFPGAAQHSHTSCSHCLPAKFTTMHLPL NCTELSSVIKVVMLVEECQCKVKTEHEDGHILHAGSQDSFIPGVS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
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#	NM_005454
Protein Accession#	NP_005445.1
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](#)