

## Recombinant Human CRMP1 Protein (Met1-Val250), His tagged

Cat. No. CRMP1-1811H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CRMP1 (Met1-Val250) fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Val250
<b>Description</b>	Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance. During the axon guidance process, acts downstream of SEMA3A to promote FLNA dissociation from F-actin which results in the rearrangement of the actin cytoskeleton and the collapse of the growth cone. Involved in invasive growth and cell migration. May participate in cytokinesis.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	26.99 kDa
<b>Purity</b>	>90% as determined by SDS-PAGE
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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date of receipt.

**Storage Buffer** Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

**Reconstitution** Reconstitute in sterile water for a stock solution.

**Shipping** They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

**Gene Name** CRMP1 collapsin response mediator protein 1 [ Homo sapiens (human) ]

**Official Symbol** CRMP1

**Synonyms** CRMP1; collapsin response mediator protein 1; dihydropyrimidinase-related protein 1; DPYSL1; DRP 1; dihydropyrimidinase-like 1; unc-33-like phosphoprotein 3; dihydropyrimidinase related protein-1; DRP1; DRP-1; CRMP-1; ULIP-3;

**Gene ID** 1400

**mRNA Refseq** NM\_001014809

**Protein Refseq** NP\_001014809

**MIM** 602462

**UniProt ID** Q14194

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