

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

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

SPECIFICATION

Product Overview	Recombinant human CRMP1 (Met1-Val250) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Val250
Description	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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	26.99 kDa
Purity	>90% as determined by SDS-PAGE
Notes	For research use only.
Storage	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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