

Recombinant Full Length Human CRMP1 Protein (1-572 aa)

Cat. No. CRMP1-1662H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CRMP1 Protein (1-572 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-572 a.a.
Description	Necessary for signaling by class 3 saphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. May participate in cytokinesis.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	64.2 kDa
AA Sequence	MSYQGKKSIPHITSDRLLIKGGRIINDDQSLYADVLEDGLIKQIGENLIVPGGVKTIEA NGRMVIPGGIDVNTYLQKPSQGMTAADDFFQGTRAALVGGTTMIIDHVPEPGSSLL TSFEKWHEAADTKSCCDYSLHVDITSWYDGVREELEVLVQDKGVNSFQVYMAYKD VYQMSDSQLYEAFVTLKGLGAVILVHAENGDLIAQEQKRILEMGITGPEGHALSRPEE LEAEAVFRAITIAGRINCPVYITKVMKSAADIILARKKGPLVFGPIAASLGTGDGTHY WSKNWAKAAAFVTSPPLSPDPTTPDYLTSLACGDLQVTGSGHCPYSTAQKAVGK DNFTLIPEGVNGIEERMVVDKAVATGKMDENQFVAVTSTNAKIFNLYPRKGRIA

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VGSDADVVIWDPDKLKTITAKSHKSAVEYNIFEGMECHGSPLVVISQGKIVFEDGNIN
 VNKGMGRFIPRKAFPEHLYQRVKIRNKVFLQGVSRGMYDGPVYEVPAATPKYATPA
 PSAKSSPSKHQPPPIRNLHQSNSLSGAQIDDNNPRRTGHRIVAPPGGRSNITSLG

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name CRMP1 collapsin response mediator protein 1 [Homo sapiens]

Official Symbol CRMP1

Synonyms CRMP1; DPYSL1; DRP 1; DRP1; DRP-1; CRMP-1; ULIP-3;

Gene ID 1400

mRNA Refseq NM_001014809

Protein Refseq NP_001014809

MIM 602462

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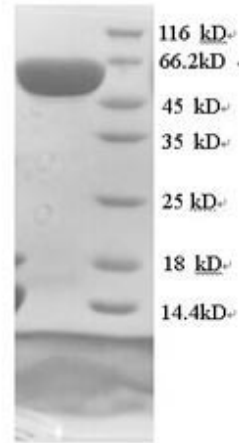
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UniProt ID

Q14194



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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