



Recombinant Human Dihydropyrimidinase-related protein 1 (CRMP1)

Product Code	CSB-MP623907HU
Abbreviation	CRMP1
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q14194
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSYQGKKSIPHITSDRLLIKGGRIINDDQSLYADVLEDGLIKQIGENLIVPGGVK TIEANGRMVIPGGIDVNTYLQKPSQGMATAADFFQGTRAALVGGTTMIIDHVVP EPGSSLLTSFEKWHEAADTKSCCDYSLHVDITSWYDGVREELEVLVQDKGVN SFQVY MAYKDVYQMSDSLQYEAFTFLKGLGAVILVHAENGLIAQEQKRILEM GITGPEGHALSRPEELEAEAVFRAITAGRINCPVYITKVMKSAADIILARKKG PLVFGEPAAASLGTGTHYWSKNWAKAAAFVTSPPLSPDPTTPDYLTSLACG DLQVTGSGHCPYSTAQKAVGKDNFTLIPEGVNGIEERMVVDKAVATGKMD ENQFVAVTSTNAAKIFNLYPRKGRIAVGSDADVVIWDPDKLKTITAKSHKSAVE YNIFEGMECHGSPLVVISQGKIVFEDGNINVNKGMGRFIPRKAFPEHLYQRVKI RNKVFGLQGVSRGMYDGPVYEVPAATPKYATPAPSAKSSPSKHQPPPIRNLHQ SNFSLSGAQIDDNNPRRTGHRIVAPPGGRSNITSLG
Research Area	Neuroscience
Source	Mammalian cell
Target Names	CRMP1
Protein Names	Recommended name: Dihydropyrimidinase-related protein 1 Short name= DRP-1 Alternative name(s): Collapsin response mediator protein 1 Short name= CRMP-1 Unc-33-like phosphoprotein 3 Short name= ULIP-3
Expression Region	1-572aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length
Target Details	This gene encodes a member of a family of cytosolic phosphoproteins expressed exclusively in the nervous system. The encoded protein is thought to be a part of the semaphorin signal transduction pathway implicated in semaphorin-induced growth cone collapse during neural development.



Alternative splicing results in multiple transcript variants.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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