



# Recombinant Human Dihydropyrimidinase-related protein 1 (CRMP1)

<b>Product Code</b>	CSB-BP623907HU
<b>Abbreviation</b>	CRMP1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q14194
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSYQGKKSIPHITSDRLLIKGGRIINDDQSLYADVLEDGLIKQIGENLIVPGGVK TIEANGRMVIPGGIDVNTYLQKPSQGMATAADDFQGTRAALVGGTTMIIDHVVP EPGSSLLTSFEKWHEAADTKSCCDYSLHVDITSWYDGVREELEVLVQDKGVN SFQVY MAYKDVYQMSDSL YEAF TFLKGLGAVILVHAENGDLIAQEQRILEM GITGPEGHALSRPEELEAEAVFRAIT IAGRINCPVYITKVM SKSAADI IALARKKG PLVFG EPIAASLGT DGTHYWSKNWAKAAAFVTSPPLSPDPTTPDYLT SLLACG DLQVTGSGHCPYSTAQKAVGKDNFTLIPEGVNGIEERM TVVWDKAVATGKMD ENQFVAVTSTNAAKIFNLYPRKGRIAVGSDADVVIWDPDKLKTITAKSHKSAVE YNIFEGMECHGSPLVVISQGKIVFEDGNINVNKGMGRFIPRKAFPEHLYQRVKI RNKVFGLQGVS RGM YDGPVYEV PATPKYATPAPSAKSSPSKHQPPPIRNLHQ SNFSLSGAQIDDNNPRRTGHRIVAPPGGRSNITSLG
<b>Research Area</b>	Neuroscience
<b>Source</b>	Baculovirus
<b>Target Names</b>	CRMP1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-572aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length
<b>Target Details</b>	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.

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**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.

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**Shelf Life**

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