



# Recombinant Human Dihydropyrimidinase-related protein 1 (CRMP1)

<b>Product Code</b>	CSB-EP623907HU
<b>Relevance</b>	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.
<b>Abbreviation</b>	Recombinant Human CRMP1 protein
<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>Alias</b>	Collapsin response mediator protein 1 ;CRMP-1Unc-33-like phosphoprotein 3 ;ULIP-3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MSYQGKKSIPHITSDRLLIKGGRIINDDQSLYADVLEDGLIKQIGENLIVPGGVK TIEANGRMVIPGGIDVNTYLQKPSQGMATAADDFQGTRAALVGGTTMIIDHVVP EPGSSLLTSFEKWHEAADTKSCCDYSLHVDITSWYDGVREELEVLVQDKGVN SFQVYMAKDVYQMSDSQLYEAFITFLKGLGAVILVHAENGDLIAQEQRILEM GITGPEGHALS RPEELEAEAVFRAIT IAGRINCPVYITKVMSKSAADI IALARKKG PLVFGEP IAA SLGTDGTHYWSKNWAKAAAFVTSPPLSPDPTTPDYLT SLLACG DLQVTGSGHCPYSTAQKAVGKDNFTLIPEGVNGIEERMTVVWDKAVATGKMD ENQFVAVTSTNAAKIFNLYPRKGRIAVGSDADVVIWDPDKLKTITAKSHKSAVE YNIFEGMECHGSPLVVISQGKIVFEDGNINVNKG MGRFIPRKAFPEHLYQRVKI RNKVFGLQGVS RGM YDGPVYEV PATPKYATPAPSAKSSPSKHQPPPIRNLHQ SNFSLSGAQIDDNNPRRTGHRIVAPPGGRSNITSLG
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	CRMP1
<b>Expression Region</b>	1-572aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	78.2kDa
<b>Protein Length</b>	Full Length

