

Datasheet for ABIN6388174

CRMP1 Protein (AA 1-572) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CRMP1
Protein Characteristics:	AA 1-572
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRMP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSEFMSHQG KKSIPHITSD RLLIRGGRII NDDQSFYADV YLEDGLIKQI GENLIVPGGV KTIEANGRMV IPGGIDVNTY LQKPSQGMTS ADDFFQGTKA ALAGGTTMII DHVPEPGSS LLTSFEKWHE AADTKSCCDY SLHVDITSWY DGVREELEVL VQDKGVNSFQ VYMAYKDLYQ MSDSQLYEF TFLKGLGAVI LVHAENGDLI AQEQKRILEM GITGPEGHAL SRPEELEAEA VFRAIAIAGR INCPVYITKV MSKSAADIIA LARKKGPLVF GEPIAASLGT DGTHYWSKNW AKAAAFVTSP PLSPDPTTPD YLTSLACGD LQVTGSGHCP YSTAQKAVGK DNFTLIPEGV NGIEERMTVV WDKAVATGKM DENQFVAVTS TNAAKIFNLY PRKGRIAVGS DADVVIWDPD KMKITITAKSH KSTVEYNIFE GMECHGSPLV VISQGKIVFE DGNISVSKGM GRFIPRKPFP EHLYQVRIR SKVFGHLSVS RGMVDGPVYE VPATPKHAAP APSAKSSPSK HQPPPIRNLH QSNFSLSGAQ IDNNPRRTG HRIVAPPGGR SNITSLG
Purity:	> 90% by SDS-PAGE

Target Details

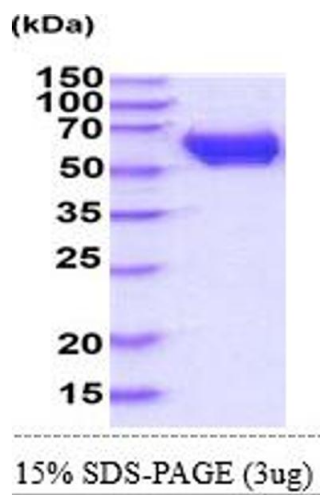
Target:	CRMP1
Alternative Name:	CRMP1 (CRMP1 Products)
Background:	Crmp1, also known as Collapsin response mediator protein 1, is necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. It plays a role in axon guidance, invasive growth and cell migration and may participate in cytokinesis. Recombinant mouse Crmp1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Molecular Weight:	64.8 kDa (597aa) confirmed by MALDI-TOF
NCBI Accession:	NP_031791
UniProt:	P97427

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.5) containing 40 % glycerol, 0.2M NaCl, 0.1 mM PMSF
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.