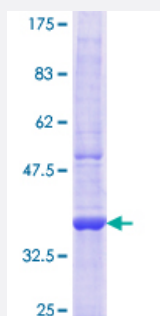


CRMP1 (Human) Recombinant Protein (Q01)

Catalog # H00001400-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CRMP1 partial ORF (NP_001014809.1, 221 a.a. - 310 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HVVPEPGSSLLTSFEKWHEAADTKSCCDYSLHVDITSWYDGVREELEVLVQDKGVNSFQVYMAY KDVYQMSDSQLYEAFTLKGLGAVIL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CRMP1

Entrez GeneID [1400](#)

GeneBank Accession# [NM_001014809](#)

Protein Accession# [NP_001014809.1](#)

Gene Name CRMP1

Gene Alias DPYSL1, DRP-1, DRP1

Gene Description collapsin response mediator protein 1

Omim ID [602462](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations dihydropyrimidinase related protein-1|dihydropyrimidinase-like 1

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)