

Recombinant Human CRMP1

Cat. No. CRMP1-26625TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fusion protein with N terminal tag, corresponding to amino acids 448-568 of Human CRMP1
Species	Human
Source	E.coli
ProteinLength	448-568 a.a.
Description	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.
Tissue specificity	Brain.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequence Similarities Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily.

GENE INFORMATION

Gene Name	CRMP1 collapsin response mediator protein 1 [Homo sapiens]
Official Symbol	CRMP1
Synonyms	CRMP1; collapsin response mediator protein 1; dihydropyrimidinase-related protein 1; DPYSL1; DRP 1;
Gene ID	1400
mRNA Refseq	NM_001014809
Protein Refseq	NP_001014809
MIM	602462
Uniprot ID	Q14194
Chromosome Location	4p16.1
Pathway	Axon guidance, organism-specific biosystem; CRMPs in Sema3A signaling, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Semaphorin interactions, organism-specific biosystem;
Function	dihydropyrimidinase activity; hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amides; protein binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA