



CRMP1 blocking peptide (CDBP5329)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen 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. [provided by RefSeq, Jul 2008] |
| Conjugate | Unconjugated |
| Applications | Used as a blocking peptide in immunoblotting applications. |
| Format | Liquid |
| Concentration | 200 µg/mL |
| Size | 0.05 mg |
| Preservative | None |
| Storage | -20°C |

GENE INFORMATION

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| Gene Name | CRMP1 collapsin response mediator protein 1 [Homo sapiens (human)] |
| Official Symbol | CRMP1 |
| Synonyms | CRMP1; collapsin response mediator protein 1; DRP1; DRP-1; CRMP-1; DPYSL1; ULIP-3; dihydropyrimidinase-related protein 1; dihydropyrimidinase-like 1; unc-33-like phosphoprotein 3 |
| Entrez Gene ID | 1400 |
| mRNA Refseq | NM_001014809 |

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| Protein Refseq | NP_001014809 |
| UniProt ID | Q14194 |
| Pathway | Axon guidance; CRMPs in Sema3A signaling; Developmental Biology; Semaphorin interactions |
| Function | hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amides; protein binding |