

Datasheet for ABIN2712565

CRMP1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	20 µg
Target:	CRMP1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRMP1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human CRMP1 / DPYSL1 (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	CRMP1
Alternative Name:	Crmp1,dpysl1 (CRMP1 Products)
Background:	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

Target Details

development. Alternative splicing results in multiple transcript variants.

Molecular Weight: 62 kDa

NCBI Accession: [NP_001304](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

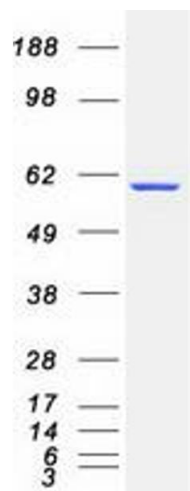
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in: Braunschweig, Krakowiak, Duncanson, Boyce, Hansen, Ashwood, Hertz-Picciotto, Pessah, Van de Water: "Autism-specific maternal autoantibodies recognize critical proteins in developing brain." in: **Translational psychiatry**, Vol. 3, pp. e277, (2013) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot