

Recombinant Human CRMP1 (aa 448-568) GST

Catalog No.	CRC161A	Quantity:	5 µg
	CRC161B		20 µg
	CRC161C		1.0 mg

Alternate Names: Collapsin Response Mediator Protein 1, DPYSL1, DRP-1, DRP1

Description: Collapsin response mediator proteins (CRMPs) are cytosolic phosphoproteins involved in neuronal differentiation and axonal guidance. CRMP2 was previously shown to mediate the repulsive effect of Sema3A on axons and to participate in axonal specification. The X-ray crystal structure of murine CRMP1 was determined at 2.1 resolution and demonstrates that CRMP1 is a bilobed 'lung-shaped' protein forming a tetrameric assembly.
CRMP-1 Human Recombinant (aa 448-568) expressed in E.coli, shows a 39 kDa band on SDS-PAGE (Including GST tag).
The CRMP-1 is purified by proprietary chromatographic techniques.

Concentration: 0.1 mg/ml

Gene ID: 1400

Source: *E. coli*

Molecular Weight: 39 kDa

Formulation: Sterile filtered liquid in 50 mM Tris-Acetate, pH 7.5 + 1 mM EDTA + 20% glycerol

Applications: Western Blot
ELISA
Inhibition Assays

The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Stable for 1 year at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**

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