

Recombinant Mouse Plxna1 Protein, Myc/DDK-tagged

Cat. No. Plxna1-4948M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length plexin A1 (Plxna1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Coreceptor for SEMA3A, SEMA3C, SEMA3F and SEMA6D. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm.
Molecular Mass	211.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

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

GENE INFORMATION

Gene Name [Plxna1 plexin A1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Plxna1](#)

Synonyms PLXNA1; plexin A1; plexin-A1; plex 1; plexin 1; plexin-1; NOV; Plxn1; PlexA1; mKIAA4053; 2600013D04Rik; KIAA4053

Gene ID [18844](#)

mRNA Refseq [NM_008881](#)

Protein Refseq [NP_032907](#)

UniProt ID [P70206](#)

 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