

Active Recombinant Mouse Plxnb2

Cat. No. Plxnb2-697M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Plxnb2 (Accession # NP_001152993) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
Predicted N Terminal	Leu20
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse Plexin B2 is coated at 5 µg/mL, Recombinant Mouse Semaphorin 4D/CD100 Fc Chimera binds with an apparent KD < 10 nM. Optimal dilutions should be determined by each laboratory for each applications.
Molecular Mass	Recombinant Mouse Plxnb2 has a calculated MW of 112 kDa. In SDS-PAGE migrates as 135-155 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 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



GENE INFORMATION

Gene Name	Plxnb2 plexin B2 [Mus musculus]
Official Symbol	Plxnb2
Synonyms	PLXNB2; plexin B2; plexin-B2; differentially expressed in brain tumors; Debt; mKIAA0315; 1110007H23Rik;
Gene ID	140570
mRNA Refseq	NM_001159521
Protein Refseq	NP_001152993
MIM	

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