

Plexin B1 (PLXNB1) Recombinant Protein | PLXNB1 recombinant protein

Recombinant Plexin B1 (PLXNB1)

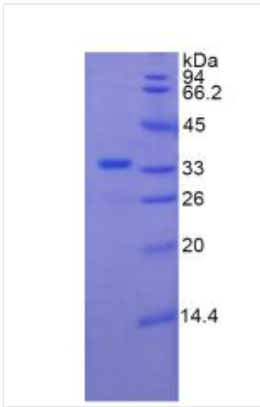
CATALOG # AAA134737	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Plexin B1 (PLXNB1); Recombinant Plexin B1 (PLXNB1); PLXNB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-AK EKMLDQLYKG VPLTQRPDPR TLDVEWRSGV AGHLILSDDED VTSEVQGLWR RLNTLQHYKV PDGATVALVP CLTKHVLREN QDYVPGERTP MLEDVDEGGI RPWHLVKPSD EPEPPRPRRG SLRGGERERA KAIEIYLTR LLSMKGTLQK FVDDLFQVIL STSRPVPLAV KYFFDLLDEQ AQQHGISDQD TIHIWKTNSL PLRFWINIHK NPQFVFDVQT SDNMDAVLLV IAQTFMDACT LADHKLGRDS PINKLLYARD I
Sequence Length	2135
Applicable Applications for PLXNB1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ala1780-Ile2042 (Accession # O43157) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.



Sequence

A KEKMLDQLYK GVPLTQRPPD
RTLDVENRSG VAGHLILSDE DVTSEVQGLW RRLNTLQHYK VPDGATVALV
PCLTKHVLRE NQDYVPGERT PMLEDVDEGG IRPWHLVKPS DEPEPPRRR
GSLRGGERER AKAIPEIYLT RLISMKGTLQ KFDVDFQVI LSTSRPVPLA
VKYFFDLLDE QAQHGISDQ DTIHIWKTNS LPLRFWINII KNPQFVFDVQ
TSDNMDAVLL VIAQTFMDAC TLADHKLGRD SPINKLLYAR DI

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	194272180
NCBI GeneID	5364
NCBI Accession #	NP_001123554.1
NCBI GenBank Nucleotide #	NM_001130082.2
UniProt Accession #	O43157; Q6NY20; Q9UIV7; Q9UJ92; Q9UJ93; A6H8Y2
Molecular Weight	33.9kDa
NCBI Official Full Name	plexin-B1
NCBI Official Synonym Full Names	plexin B1
NCBI Official Symbol	PLXNB1
NCBI Official Synonym Symbols	SEP; PLXN5; PLEXIN-B1
NCBI Protein Information	plexin-B1; plexin 5; semaphorin receptor SEP
UniProt Protein Name	Plexin-B1
UniProt Gene Name	PLXNB1
UniProt Synonym Gene Names	KIAA0407; PLXN5; SEP
UniProt Entry Name	PLXB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.