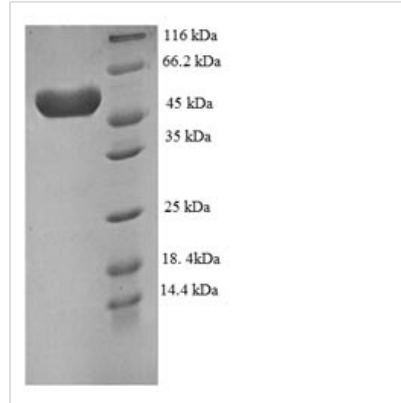




Recombinant Human Plexin-A4 (PLXNA4), partial

Product Code	CSB-EP862071HU
Relevance	Coreceptor for SA3A. Necessary for signaling by class 3 saphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance in the developing nervous system. Class 3 saphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific saphorins, and its Cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm .
Abbreviation	Recombinant Human PLXNA4 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9HCM2
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	LLTRQPAPLSQKQRSFVTFRGEPAEGFNHLVVDERTGHIYLGAVNRIYKLSSDL KVLVTHETGPDEDNPKCYPPRIVQTCNEPLTTTNNVNMKMLLIDYKENRLIACGS LYQGICKLLRLEDLFLKLGEPYHKKEHYLSGVNESGVSFGVIVSYSNLDDKLFAT AVDGKPEYFPTISSRKLTKNSEADGMFAYVFHDEFVASMIKIPSDTFTIIPDFDIY YVYGFSSGNFVYFLTLQPEMVSPPGSTTKEQVYTSKLVRLCKEDTAFNSYVEV PIGCERSGVEYRLLQAAYLSKAGAVLGRITLGVHPDDDLLFTVFSKGQKRKMKS LDESALCIFILKQINDRIKERLQSCYRGEGLDLAWLKVKDIPCSSALLTIDDNFC GLDMNAPLGVSDMVRGIPVFTEDRDRMTSVIAYVYKNHSLAFVGTGKSGKLLKS FGTGPQGGITQEWIGVEGDPGPGANIASQEQMLCVYLQCSSHKAISDQRVQPLL CCFLNVPGNS
Source	E.coli
Target Names	PLXNA4
Expression Region	25-521aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	60.0kDa
Protein Length	partial of Isoform 3
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.