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Product datasheet for TP320109L

Ephrin A4 (EFNA4) (NM_182690) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ephrin-A4 (EFNA4), transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220109 representing NM_182690 Red=Cloning site Green=Tags(s) MRLLPLLRTVLWAAFLGSPLRGGSSLRHVVYWNSSNPRLLRGDAVVELGLNDYLDIVCPHYEGPGPPEGP ETFALYMVDWPGYESCQAEGPRAYKRWVCSLPFGHVQFSEKIQRFTPFSLGFEFLPGETYYYISVPTPES SGQCLRLQVSVCCKERNLPSHPKEPESSQDPLEEEGSLLPALGVPIQTDKMEH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	21.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_872632
Locus ID:	1945
UniProt ID:	P52798
RefSeq Size:	1111

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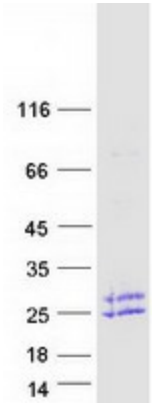
Cytogenetics:	1q21.3
RefSeq ORF:	579
Synonyms:	EFL4; EPLG4; LERK4
Summary:	This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin. Three transcript variants that encode distinct proteins have been identified. [provided by RefSeq, Jul 2008]
Protein Families:	Secreted Protein
Protein Pathways:	Axon guidance

Product images:



Coomassie blue staining of purified EFNA4 protein (Cat# [TP320109]). The protein was produced from HEK293T cells transfected with EFNA4 cDNA clone (Cat# [RC220109]) using MegaTran 2.0 (Cat# [TT210002]).