

Product datasheet for **TP310635M**

Ephrin A1 (EFNA1) (NM_004428) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ephrin-A1 (EFNA1), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC210635 protein sequence
Red=Cloning site **Green**=Tags(s)

MEFLWAPLLGLCCSLAAADRHTVFWNSSNPKFRNEDYTIHVQLNDYVDIICPHYEDHSVADAAMEQYILY
LVEHEEYQLCQPQSKDQVRWQCNRPQSAKHGPEKLSEKQRFPTLKGKEFGHSYYYISKPIHQHEDRC
LRLKVTVSGKITHSPQAHDNPQEKRLAADDPEVRVLHSHGSAAPRLFPLAWTVLLLLPLLLLQTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 21.8 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_004419](#)

Locus ID: 1942

UniProt ID: [P20827](#)

RefSeq Size: 1590



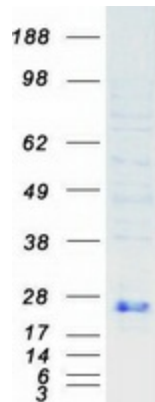
[View online »](#)

Cytogenetics:	1q22
RefSeq ORF:	615
Synonyms:	B61; ECKLG; EFL1; EPLG1; GMAN; LERK-1; LERK1; TNFAIP4
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 which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Axon guidance

Product images:



Coomassie blue staining of purified EFNA1 protein (Cat# [TP310635]). The protein was produced from HEK293T cells transfected with EFNA1 cDNA clone (Cat# [RC210635]) using MegaTran 2.0 (Cat# [TT210002]).