

Product datasheet for **TP721087**

Efna4 (NM_007910) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ephrin A4 (Efna4)
Species:	Mouse
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Arg27-Gly176
Tag:	C-Fc
Predicted MW:	43.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_031936
Locus ID:	13639
UniProt ID:	O08542 , Q3UQB5 , Q9CZS8
RefSeq Size:	1596
Cytogenetics:	3 39.07 cM
RefSeq ORF:	618
Synonyms:	EFL-4; Epl4; LERK-4



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Summary:

Cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. May play a role in the interaction between activated B-lymphocytes and dendritic cells in tonsils (By similarity). [UniProtKB/Swiss-Prot Function]