

## Product datasheet for **TP721087M**

### **Efna4 (NM\_007910) Mouse Recombinant Protein**

#### **Product data:**

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