

## Recombinant Mouse Efna2 Protein, Myc/DDK-tagged

Cat. No. Efna2-2754M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length ephrin A2 (Efna2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. With the EPHA2 receptor may play a role in bone remodeling through regulation of osteoclastogenesis and osteoblastogenesis.
<b>Molecular Mass</b>	23.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.

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**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Efna2 ephrin A2 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Efna2](#)

**Synonyms** EFNA2; ephrin A2; ephrin-A2; ephrin A6; CEK7-ligand; EPH related receptor tyrosine kinase ligand 6; EPH-related receptor tyrosine kinase ligand 6; Elf1; Epl6; CEK7L; Eplg6; Lerk6

**Gene ID** [13637](#)

**mRNA Refseq** [NM\\_007909](#)

**Protein Refseq** [NP\\_031935](#)

**UniProt ID** [P52801](#)

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