

Recombinant Mouse Efna2 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ephrin A2 (Efna2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	23.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	>50 µg/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Efna2 ephrin A2 [Mus musculus (house mouse)]
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Official Symbol	Efna2
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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
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Gene ID	13637
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mRNA Refseq	NM_007909
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Protein Refseq	NP_031935
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UniProt ID	P52801
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