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Product datasheet for TP502249

Efna2 (NM_007909) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ephrin A2 (Efna2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202249 representing NM_007909 Red=Cloning site Green=Tags(s) MAPAQRPLLPLLLLLLPLRARNEDPARANADRYAVYWNRSNPRFQVSAVGDGGGYTVEVSINDYLDIYCP HYGAPLPPAERMERYILYMVNGEGHASCDHRQRGFKRWECNRPAAPGGPLKFSEKFQLFTPFSLGFEFRP GHEYYYISATPPNLVDRPCLRLKVYVRPTNETLYEAPEPIFTSNSSCSGLGGCHLFLTTVPVLWSLLGS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	23.6 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
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 after receiving vials.
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_031935
Locus ID:	13637
UniProt ID:	P52801, Q3USB4
RefSeq Size:	2153
Cytogenetics:	10 39.72 cM

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RefSeq ORF:	627
Synonyms:	CEK7L; Elf1; Epl6; Eplg6; Lerk6
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. 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.[UniProtKB/Swiss-Prot Function]