

Product datasheet for **TP727942**

Efna5 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Ephrin-A5/EFNA5 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln21-Gln206
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Ephrin-A5 is produced by our Mammalian expression system and the target gene encoding Gln21-Gln206 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	13640
UniProt ID:	O08543
Summary:	Ephrin-A5 is a glycosylphosphatidylinositol (GPI)-anchored protein of the ephrin-A subclass of ephrin ligands that binds to the EphA subclass of Eph receptors. Ephrin-A5 has also been shown to bind to the EphB2 receptor. It is crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Ephrin-A5 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.



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