
Recombinant Mouse Ephrin-A5/EFNA5 Protein(C-6His)**Cat.NO.: TP05016**

3th Edition

Synonyms:Ephrin-A5; AL-1; EPH-related receptor tyrosine kinase ligand 7; Epl7; Eplg7; Lerk7; Efna5;**Description:**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.**Form:**PBS**Molecular Weight:**22.5 kDa**Sequences:**Gln21-Gln206**Purity:**> 95% by HPLC**Concentration:****Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.