

Recombinant Mouse Ephrin-A1/EFNA1 Protein(C-Fc-6His)

Cat.NO.: TP04552

3th Edition

Synonyms:EPH-related receptor tyrosine kinase ligand 1; Immediate early response protein B61;Epgl1; Epl1; Lerk1

Description:Ephrin-A1 is a cell membrane protein and contains 1 ephrin RBD (ephrin receptor-binding) domain. EFNA1 belongs to the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis.It belongs to the ephrin family and contains 1 ephrin RBD (ephrin receptor-binding) domain.

Form:PBS

Molecular Weight:47.3 kDa

Sequences:Asp19-Ser182

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.