

**Recombinant Mouse Ephrin-A4/EFNA4 Protein(C-Fc)**

**Cat.NO.: TP04562**

3th Edition

**Synonyms:**Ephrin-A4 ;EPH-related receptor tyrosine kinase ligand 4 ;Epl4; Eplg4; Lerk4

**Description:**Ephrin-A4 belongs to the ephrin family and Contains 1 ephrin RBD (ephrin receptor-binding) domain. The protein is 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. Ephrin-A4 binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. It may play a role in the interaction between activated B-lymphocytes and dendritic cells in tonsils.

**Form:**PBS

**Molecular Weight:**44.0 kDa

**Sequences:**Arg27-Gly176

**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.