



Recombinant Protein Technical Manual

Recombinant Mouse Ephrin-A3/EFNA3 Protein (Fc Tag)

RPES0475

Product Data:

Product SKU: RPES0475

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: O08545

Protein Information:

Molecular Mass: 47.9 kDa

AP Molecular Mass: 61-70 kDa

Tag: C-Fc

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Ephrin-A3; EFL-2; EHK1 Ligand; EHK1-L; EPH-Related Receptor Tyrosine Kinase Ligand 3; LERK-3; EFNA3; EFL2; EPLG3; LERK3

Immunogen Information:

Sequence: Gln23-Gly206

Background:

Ephrins-A3 belongs to the Ephrins ligand family which is involved in a variety of biological processes, especially in the nervous system and in erythropoiesis. It is shown that Ephrin-A3 is expressed in brain, skeletal muscle, spleen, thymus, prostate, testis, ovary, small intestine, and peripheral blood leukocytes. Ephrin-A3 has a GPI anchor following the extracellular sequence and a signal sequence of 22 amino acids. Ephrin-A3 can bind EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, EphA8 and EphB1. Furthermore, it is associated with tumor growth and metastasis.