



Recombinant Protein Technical Manual

Recombinant Mouse LYPD3 Protein (His Tag)(Active)

RPES1326

Product Data:

Product SKU: RPES1326

Size: 50µg

Species: Mouse

Expression host: HEK293 Cells

Uniprot: NP_598504.1

Protein Information:

Molecular Mass: 28 kDa

AP Molecular Mass: 55-60 kDa

Tag: C-His

Bio-activity: Measured by its ability to bind recombinant human Galectin3 in a functional ELISA.

Purity: > 92 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg of the protein 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 sterile PBS, pH 7.4

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

Application: Functional ELISA

Synonyms: 2310061G07Rik;C4.4a

Immunogen Information:

Sequence: Met 1-His 287

Background:

Ly6 / PLAUR domain-containing protein 3, also known as GPI-anchored metastasis-associated protein C4.4A homolog, Matrigel-induced gene C4 protein, MIG-C4 and LYPD3, is a cell membrane protein which contains two UPAR/Ly6 domains. Human LYPD3 contains two UPAR/Ly6 domains. LYPD3 is expressed in placenta, skin and urothelium. It is found in suprabasal keratinocytes of chronic wounds. Weak expression of LYPD3 is found in esophagus and peripheral blood mononuclear cells. It is found in the majority of primary and metastatic transitional cell carcinomas (TCCs) and as well in breast cancer tissues, but not in adjacent normal tissues. High expression of LYPD3 is found in the tumor component of some noninvasive superficial lesions and in invasive and metastatic urothelial cancers. LYPD3 is up-regulated in migrating keratinocytes during epithelisation of incisional skin wounds. LYPD3 supports cell migration. It may be involved in urothelial cell-matrix interactions. It may also be involved in tumor progression