



Recombinant Protein Technical Manual

Recombinant Mouse TEM7R/PLXDC2 Protein (His Tag)

RPES2628

Product Data:

Product SKU: RPES2628

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: Q9DC11

Protein Information:

Molecular Mass: 49.0 kDa

AP Molecular Mass: 78 kDa

Tag: C-6His

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, pH7.4.

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

Application:

Synonyms: Plexin domain-containing protein 2;Tumor endothelial marker 7-related protein;Plxdc2;Tem7r

Immunogen Information:

Sequence: Glu31-Ala455

Background:

Mouse Plexin domain-containing protein 2 (PLXDC2) is a single-pass type I membrane protein. The protein is expressed in tumor endothelium and in vessels of some normal tissues, such as the muscle and lung. PLXDC2 can interact with CTTN, and may play a role in tumor angiogenesis.