

Recombinant Mouse TEM7R/PLXDC2 Protein (His Tag)

Catalog No. PKSM041126

Note: Centrifuge before opening to ensure complete recovery of vial contents.

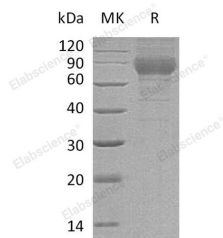
Description

Synonyms	Plexin domain-containing protein 2;Tumor endothelial marker 7-related protein;Plxdc2;Tem7r
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Glu31-Ala455
Accession	AAH57881.1
Calculated Molecular Weight	49.0 kDa
Observed molecular weight	70-90 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 80 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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 20mM Glycine-HCl, 10% Trehalose, 0.05% Tween 80, pH 3.5. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 80 % as determined by reducing SDS-PAGE.

Background

For Research Use Only

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.