Mouse TEM7R/PLXDC2 Protein, Ultra Low Endotoxin

Cat. No. TEM-MM17R-UL

Description

Source	Recombinant Mouse TEM7R/PLXDC2 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Glu31-Ala455.
Accession	Q9DC11
Molecular Weight	The protein has a predicted MW of 49.01 kDa. Due to glycosylation, the protein migrates to 75-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

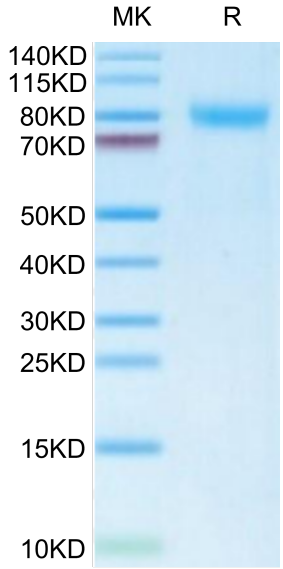
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Plexin domain containing 2 (PLXDC2), a cell surface transmembrane protein receptor for pigment epithelium derived factor, is expressed in many tissues including the eye. Plxdc2 is a type I transmembrane protein with some homology to nidogen and to plexins. It is expressed in a highly discrete and dynamic pattern in the developing nervous system, with prominent expression in various patterning centres.

Assay Data

Bis-Tris PAGE



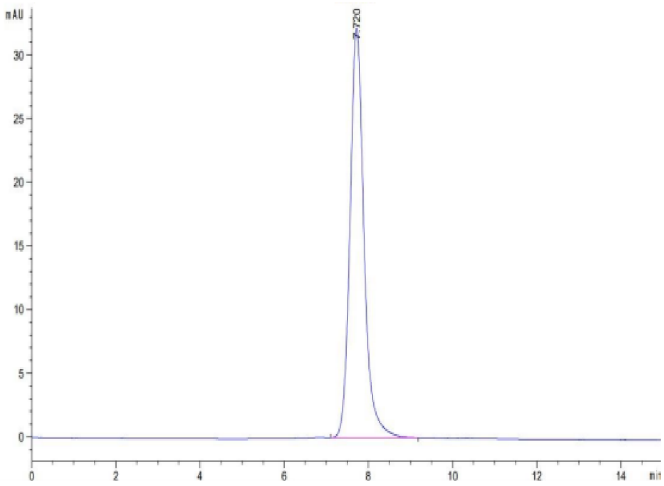
Mouse TEM7R on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Mouse TEM7R/PLXDC2 Protein, Ultra Low Endotoxin

Cat. No. TEM-MM17R-UL

Assay Data



The purity of Mouse TEM7R is greater than 95% as determined by SEC-HPLC.