abcam

Product datasheet

Recombinant Mouse TEM7 protein (His tag) ab241452

1 Image

Description

Product name	Recombinant Mouse TEM7 protein (His tag)
Purity	> 90 % SDS-PAGE.
Expression system	Yeast
Accession	Q91ZV7
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	LSPATPAGHNEGQDSAWTAKRTRQGWSRRPRESPAQVL KPGKTQLSQDLG GGSLAIDTLPDNRTRVVEDNHNYYVSRVYGPGEKQSQDL WVDLAVANRSH VKIHRILSSSHRQASRVVLSFDFPFYGHPLRQITIATGGFIFM GDMLHRM LTATQYVAPLMANFNPGYSDNSTVAYFDNGTVFVVQWDH VYLQDREDRGS FTFQAALHRDGRIVFGYKEIPMAVLDISSAQHPVKAGLSDA FMILNSSPE VPASQRRTIFEYHRVELDSSKITTTSAVEFTPLPTCLQHQS CDTCVSSNL TFNCSWCHVLQRCSSGFDRYRQEWLTYGCAQEAEGKTC EDFQDDSHYSAS PDSSFSPFNGDSTTSSSLFIDSLTTEDDTKLNPYAEGDGL PDHSSPKSKG PPVHLGT
Predicted molecular weight	47 kDa including tags
Amino acids	20 to 426
Tags	His tag N-Terminus
Additional sequence information	Extracellular domain.

Specifications

Our **Abpromise guarantee** covers the use of **ab241452** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

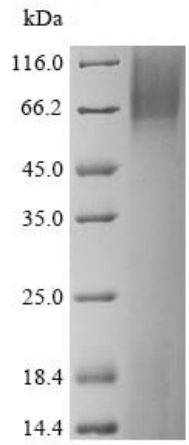
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.2 Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

General Info

Function	Plays a critical role in endothelial cell capillary morphogenesis.
Tissue specificity	Detected in endothelial cells from colorectal cancer, and in endothelial cells from primary cancers of the lung, liver, pancreas, breast and brain. Not detectable in endothelial cells from normal tissue. Expressed in fibrovascular membrane with increased expression in individuals with proliferative diabetic retinopathy.
Sequence similarities	Belongs to the plexin family.
Post-translational modifications	N-glycosylated.
Cellular localization	Cytoplasm; Secreted and Cell membrane. Cell junction > tight junction. Localized predominantly at the tight junctions of vascular endothelial cells and to a lesser extent at the luminal surface of vascular endothelial cells.

Images



SDS-PAGE - Recombinant Mouse TEM7 protein (His tag) (ab241452)

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab241452.

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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