antibodies

Datasheet for ABIN7273842 ANTXR2 Protein (AA 32-318) (His tag)

2 Images



Overview

Quantity:	100 µg
Target:	ANTXR2
Protein Characteristics:	AA 32-318
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANTXR2 protein is labelled with His tag.

Product Details

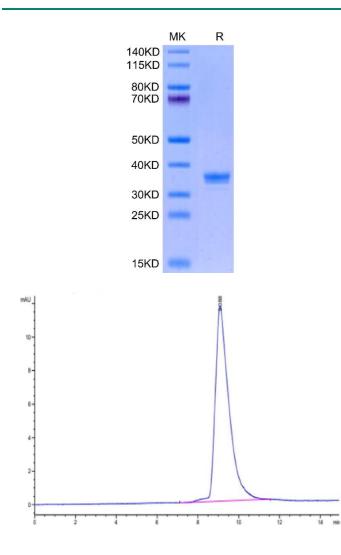
Purpose:	Mouse ANTXR2 Protein
Sequence:	Gln32-Gly318
Characteristics:	Recombinant Mouse ANTXR2 Protein is expressed from HEK293 with His tag at the C- Terminus.It contains GIn32-GIy318.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.

Target Details

Target:	ANTXR2
Alternative Name:	ANTXR2 (ANTXR2 Products)

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Target Details	
Background:	The Capillary Morphogenesis Gene 2 (CMG2) gene encodes an Anthrax toxin receptor (ANTXR2),ANTXR2/CMG2 was originally identified as a result of up-regulation during capillary morphogenesis of endothelial cells (ECs) cultured in vitro. ANTXR2/CMG2 functions to promote endothelial proliferation and morphogenesis during sprouting angiogenesis, consistent with the endothelial expression of ANTXR2/CMG2 in several vascular beds.
Molecular Weight:	32.00 kDa. Due to glycosylation, the protein migrates to 33-38 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_598499
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse ANTXR2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse ANTXR2 is greater than 95 % as determined by SEC-HPLC.

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