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Datasheet for ABIN7454226

TNFSF15 Protein (AA 72-251) (His tag)

Overview

Quantity:	100 µg
Target:	TNFSF15
Protein Characteristics:	AA 72-251
Origin:	Cynomolgus, Rhesus Monkey
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF15 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus/Rhesus macaque TNFSF15 Protein
Sequence:	Leu72-Leu251
Characteristics:	Recombinant Cynomolgus/Rhesus macaque TNFSF15 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Leu72-Leu251.
Purity:	> 90 % 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.
Biological Activity Comment:	Immobilized Cynomolgus/Rhesus macaque TNFSF15, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-TNFSF15 Antibody, hFc Tag with the EC50 of 18.2ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	TNFSF15
Alternative Name:	TNFSF15 (TNFSF15 Products)
Background:	TNF superfamily member 15 (TNFSF15), a cytokine largely produced by vascular endothelial cells and a specific inhibitor of the proliferation of these same cells, can inhibit VEGF-induced vascular permeability in vitro and in vivo, and that death receptor 3 (DR3), a cell surface receptor of TNFSF15, mediates TNFSF15-induced dephosphorylation of VEGFR2.
Molecular Weight:	21.52 kDa. Due to glycosylation, the protein migrates to 25-35 kDa based on Tris-Bis PAGE result.
UniProt:	A0A2K5UA22
Pathways:	Positive Regulation of Endopeptidase Activity , Autophagy

Application Details

Restrictions:	For Research Use only
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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