

Datasheet for ABIN7274497

TNFRSF21 Protein (AA 42-349) (His tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFRSF21
Protein Characteristics:	AA 42-349
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF21 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus DR6/TNFRSF21 Protein
Sequence:	Gln42-His349
Characteristics:	Recombinant Cynomolgus DR6/TNFRSF21 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln42-His349.
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.
Biological Activity Comment:	Immobilized Cynomolgus DR6, His Tag at 0.2µg/ml (100µl/well) on the plate. Dose response curve for Anti-DR6 Antibody, hFc Tag with the EC50 of 9.8ng/ml determined by ELISA. See testing image for detail.

Target Details

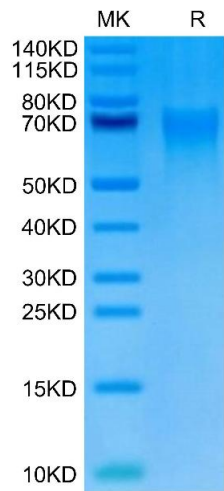
Target:	TNFRSF21
Alternative Name:	DR6 (TNFRSF21 Products)
Background:	Beta-amyloid precursor protein (APP) and death receptor 6 (DR6, also known as TNFRSF21) activate a widespread caspase-dependent self-destruction program. DR6 is broadly expressed by developing neurons, and is required for normal cell body death and axonal pruning both in vivo and after trophic-factor deprivation in vitro. DR6 is activated locally by an inactive surface ligand(s) that is released in an active form after trophic-factor deprivation.
Molecular Weight:	34.50 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
UniProt:	A0A2K5VIJ8
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Restrictions:	For Research Use only
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Handling

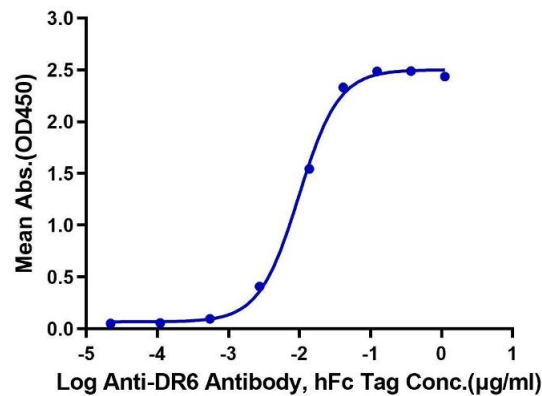
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant 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



SDS-PAGE

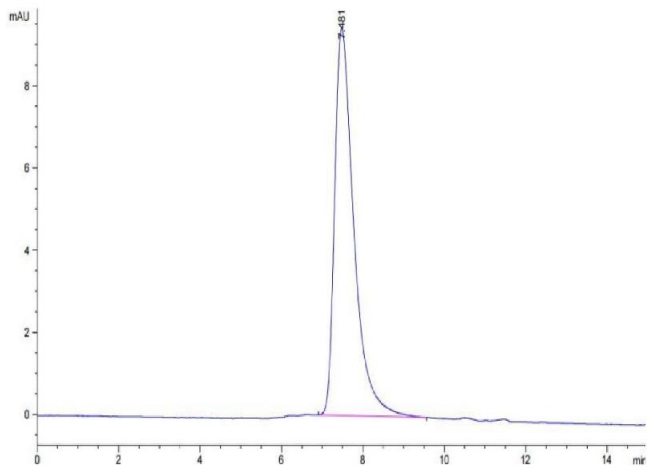
Image 1. Cynomolgus DR6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Cynomolgus DR6, His Tag ELISA
0.02µg Cynomolgus DR6, His Tag Per Well



ELISA

Image 2. Immobilized Cynomolgus DR6, His Tag at 0.2 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-DR6 Antibody, hFc Tag with the EC50 of 9.8 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Cynomolgus DR6 is greater than 95 % as determined by SEC-HPLC.