

Datasheet for ABIN7274590

FAS Protein (AA 22-169) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FAS
Protein Characteristics:	AA 22-169
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAS protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse Fas/TNFRSF6/CD95 Protein
Sequence:	Gln22-Arg169
Characteristics:	Recombinant Mouse Fas/TNFRSF6/CD95 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln22-Arg169.
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:	FAS
Alternative Name:	Fas (FAS Products)

Target Details

Background:	CD95 (also known as Fas) is a member of the tumor necrosis factor receptor (TNFR) superfamily. Its cognate ligand, CD95L, is implicated in immune homeostasis and immune surveillance. Mutations in this receptor are associated with a loss of apoptotic signaling and have been detected in an autoimmune disorder called autoimmune lymphoproliferative syndrome (ALPS) type Ia, which shares some clinical features with systemic lupus erythematosus (SLE).
Molecular Weight:	43.3 kDa. Due to glycosylation, the protein migrates to 60-65 kDa based on Tris-Bis PAGE result.
UniProt:	P25446
Pathways:	p53 Signaling , Apoptosis , Production of Molecular Mediator of Immune Response , Positive Regulation of Endopeptidase Activity

Application Details

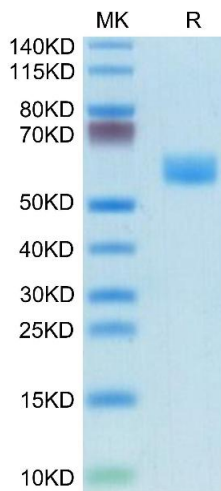
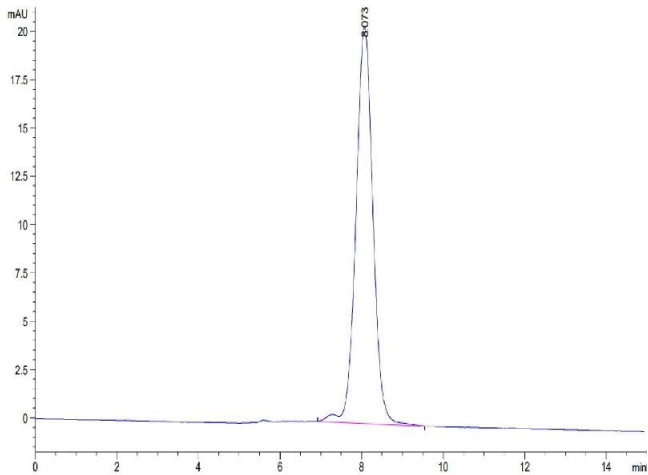
Restrictions:	For Research Use only
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Handling

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

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse Fas/TNFRSF6/CD95 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Mouse Fas/TNFRSF6/CD95 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .