

Datasheet for ABIN7274589

**FAS Protein (AA 26-173) (Fc Tag)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	FAS
Protein Characteristics:	AA 26-173
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAS protein is labelled with Fc Tag.

## Product Details

Purpose:	Human Fas/TNFRSF6/CD95 Protein
Sequence:	Gln26-Asn173
Characteristics:	Recombinant Human Fas/TNFRSF6/CD95 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln26-Asn173.
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 Human Fas Ligand, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human Fas, hFc Tag with the EC50 of 0.12µg/ml determined by ELISA. See testing image for detail.

## Target Details

Target:	FAS
Alternative Name:	Fas ( <a href="#">FAS Products</a> )
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:	43.4 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

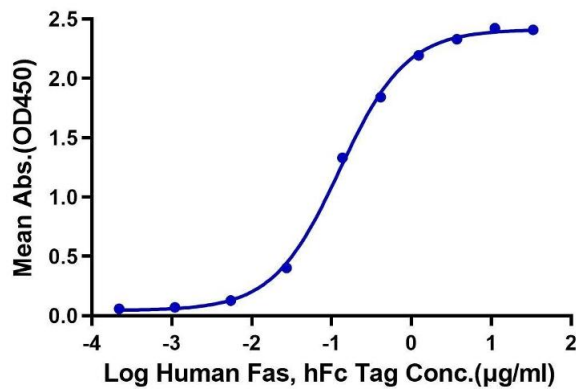
## Application Details

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

**Human Fas, hFc Tag ELISA**  
0.2µg Human Fas Ligand, His Tag Per Well

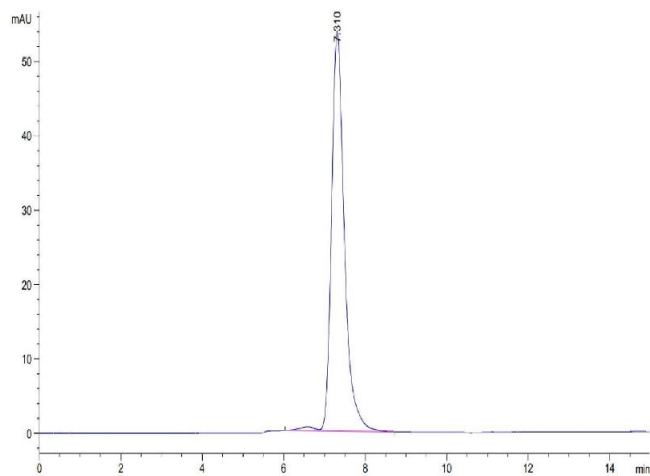


**ELISA**

**Image 1.** Immobilized Human Fas Ligand, His Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Human Fas, hFc Tag with the EC50 of 0.12 µg/mL determined by ELISA.

**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 2.** The purity of Human Fas is greater than 95 % as determined by SEC-HPLC.



**SDS-PAGE**

**Image 3.** Human Fas on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

