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Datasheet for ABIN2017774  
**FAS Protein (AA 26-172)**

### Overview

Quantity:	50 µg
Target:	FAS
Protein Characteristics:	AA 26-172
Origin:	Human
Source:	HEK-293T Cells
Protein Type:	Recombinant
Biological Activity:	Active

### Product Details

Characteristics:	ED50 <0.4 µg/mL, measured by its ability to inhibit the cytotoxicity of Jurkat cells in the presence of 20 ng/mL of human Fas Ligand.
Purity:	> 95 % as analyzed by SDS-PAGE.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

### Target Details

Target:	FAS
Alternative Name:	Fas Receptor ( <a href="#">FAS Products</a> )
Background:	Fas Receptor and Fas Ligand (FasL) belong to the TNF superfamily and are type I and type II transmembrane proteins, respectively. Binding of FasL to Fas triggers apoptosis in Fas-bearing cells. The mechanism of apoptosis involves recruitment of pro-caspase 8 through an adaptor molecule called FADD followed by processing of the pro-enzyme to active forms. These active

## Target Details

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caspsases then cleave various cellular substrates leading to the eventual cell death. sFasR is capable of inhibiting FasL-induced apoptosis by acting as a decoy receptor that serves as a sink for FasL.

Synonyms: soluble Fas receptor (sFasR), TNFRSF6, CD95, Apo I, Fas Antigen

Molecular Weight: 17-29 kDa, observed by reducing SDS-PAGE.

NCBI Accession: [NP\\_000034](#)

Pathways: [p53 Signaling](#), [Apoptosis](#), [Production of Molecular Mediator of Immune Response](#), [Positive Regulation of Endopeptidase Activity](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstituted in ddH<sub>2</sub>O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant Human Fas Receptor remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, Human Fas Receptor should be stable up to 1 week at 4°C or up to 2 months at -20°C.

Expiry Date: 6 months