

**RMCH056**

Recombinant FasL (Fas ligand), Human ,AF



**Order** 021-34695924  
orders@ab-mart.com  
**Support** 400-6123-828  
support1@ab-mart.com  
**Web** www.ab-mart.com.cn

5ug;20ug;100ug;500ug;

**Synonym/Alternative name(s):**

soluble Fas Ligand (sFasL), TNFSF6, CD95L, Apo I Ligand, APTL, APT1LG1, CD178

**Activity:**

Measure by its ability to induce apoptosis in Jurkat cells.

The ED50 for this effect is <1 ng/mL.

The specific activity of recombinant human FasL is > 1 x 10<sup>6</sup> IU/mg.

**Protein Description:**

FasL is a member of the TNF superfamily, and is mainly expressed on the cell surface of activated T cells. FasL induces apoptosis in Fas-bearing cells by binding to Fas Receptor. FasL has the ability to leads to down-regulation of the immune response through killing T cells and activated B cells. The mechanism of Fas-induced apoptosis involves recruitment of pro-caspase 8 through an adaptor molecule called FADD, followed by processing of the pro-enzyme into active forms. These active caspases then cleave various cellular substrates, leading to the eventual cell death.

**Protein Accession :** P48023.1

**Gene ID :** 356

**Expression Sequence:**

QIGHPSPPPEKELRQVAHLTGKSNRSRSMLEWEDTYGIVLLSGVKYKGGGLVINETGLYFVYSKVYFRGQSCNNLPLSHKVYMRNSKYP  
QDLVMMMEGKMMSYCT

TGQMWARSSYLGAVFNLTSADHLYVNVSELSLVNFEEESQTFGLYKL with polyhistidine tag and sumo tag at the N- terminus

**Fusion tag :** His-tag and sumo tag at the N-terminus

**Species :** Human

**Reactivity :** Human

**Expression Host :** Escherichia coli

**Source :** E. coli

**Purity/method:**

>98% as determined by SDS-PAGE. Ni-NTA chromatography

**Endotoxin level:**

<0.1 EU per 1 µg of the protein by the LAL method.

**Calculated Molecular Weight :** 17.31 kDa

**Formulation:**

The protein was lyophilized from a solution containing 1X PBS, pH 8.0.

**Reconstitution:**

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Shipping :** Blue Ice

**Stability and Storage:**

Lyophilized protein should be stored at -20°C for 1 year.

Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

**Category :** Cytokines

**Application :** Cell culture, Elisa

**Image:**



SDS- PAGE analysis of recombinant human FasL