

RMCM042

Recombinant FasL (Fas ligand), Mouse ,AF



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

Synonym/Alternative name(s):

soluble Fas Ligand (sFasL), TNFSF6, CD95L, Apo I Ligand, APTL, APT1LG1, CD178, Fas-Lg, Tnfs, Tnlg1a, gld

Activity:

Measure by its ability to induce apoptosis in Jurkat cells.

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

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 : P41047.1

Gene ID : 14103

Expression Sequence:

QIANPSTPSEKKEPRSVAHLTGNPHSRISPLEWEDTYGTALISGVKYYKGGGLVINETGLYFVYSKVYFRGQSCNNQPLNHKVMRNSKYP EDLVLMEEKRLNYCTTGQIWAHSSYLGAVFNLTSADHLYVNISQLSLINFEESKTFFFGLYKL with polyhistidine tag and sumo tag at the N-terminus.

Fusion tag : His-tag?at?the?N-terminus

Species : Mouse

Reactivity : Mouse

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 : 18.14 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 H2O 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.

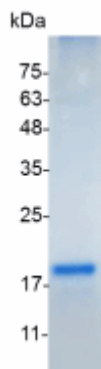
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

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 mouse FasL