

Human Fas Ligand / FASLG / CD95L (His Tag) recombinant protein



Catalog Number: 501532

General Information

Gene Name Synonym

Apoptosis antigen ligand; CD95 ligand; Fas antigen ligand; Tumor necrosis factor ligand superfamily member 6, membrane form; Tumor necrosis factor ligand superfamily member 6, soluble form; Receptor-binding FasL ectodomain; Soluble Fas ligand; ADAM10-processed FasL form; FasL intracellular domain; SPPL2A-processed FasL form

Protein Construction

A DNA sequence encoding human FASLG (NP_000630.1) (Pro134-Leu281) was expressed with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

Yeast

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

1. Immobilized human His-FASLG at 10 µg/ml (100 µl/well) can bind Cynomolgus FAS-Fc (Cat:504216). The EC_{50} of Cynomolgus FAS-Fc (Cat:504216) is 0.06-0.14 µg/ml.
2. Immobilized human His-FASLG at 10 µg/ml (100 µl/well) can bind rat FAS-Fc (Cat:500940). The EC_{50} of rat FAS-Fc (Cat:500940) is 0.22-0.52 µg/ml.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

His

Molecular Mass

The recombinant human human FASLG consists of 168 amino acids and predicts a molecular mass of 19.3 KDa. It migrates as an approximately 26 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

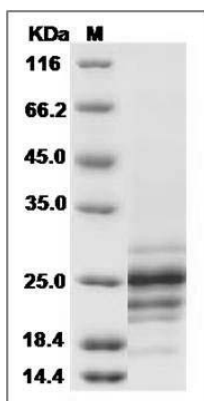
Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE

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