

Recombinant human Fas Ligand/FASLG protein

Catalog Number: ATGP1890

PRODUCT INFORMATION

Expression system

E.coli

Domain

130-281aa

UniProt No.

P48023

NCBI Accession No.

NP_000630

Alternative Names

Fas antigen ligand (Fas ligand; FasL), Tumor necrosis factor ligand superfamily member 6 (TNFSF6), Apoptosis antigen ligand (APTL), CD95 ligand (CD95L), ADAM10-processed FasL form (APL), CD178, APT1LG1

PRODUCT SPECIFICATION

Molecular Weight

19.6 kDa (173aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Fas ligand, also known as FASLG, belongs to the tumor necrosis factor family and is the ligand for FAS. Both are transmembrane proteins. Interaction of FAS with this ligand is critical in triggering apoptosis of some types of cells such as lymphocytes. Defects in FASLG may be related to some cases of systemic lupus erythematosus (SLE). Recombinant human FASLG protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MQIGHPSPPP EKKELRKVAH LTGKSNSRSM PLEWEDTYGI VLLSGVKYKK GGLVINETGL
YFVYSKVYFR GQSCNNLPLS HKVYMRNSKY PQDLVMMEGK MMSYCTTGQM WARSSYLGA VFNLTADHLY VNVSELSLVN
FEESQTFFGL YKL

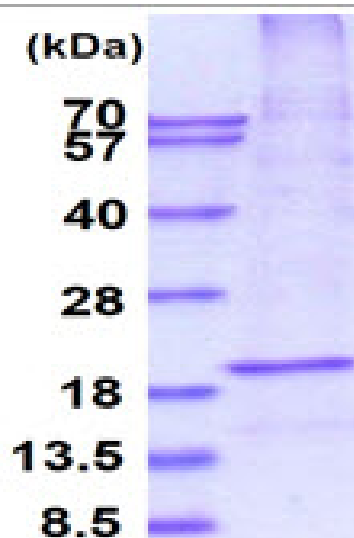
General References

Kirkin V., et al. (2007) Cell Death Differ. 14:1678-1687

Voss M., et al. (2009) BMC Immunol. 10:53-53

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)