

# Recombinant human Fas Ligand/FASLG protein

Catalog Number: ATGP1890

## PRODUCT INFORMATION

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**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

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**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**

&gt; 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

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**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 SGLVPRGSH MQIGHPSPPP EKELRQVAH LTGKSNSRSM PLEWEDTYGI VLLSGVKYKK GGLVINETGL  
YFVYSKVYFR GQSCNNLPLS HKVYMRNSKY PQDLVMMEGK MMSYCTTGQM WARSSYLGA VFNLTADHLY VNVSELSLVN  
FEESQTFFGL YKL

### General References

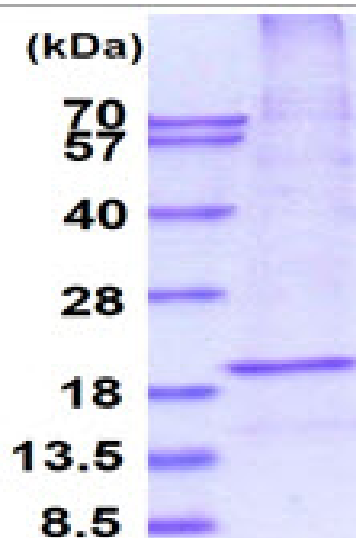
Kirkin V., et al. (2007) Cell Death Differ. 14:1678-1687

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

## DATA

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### SDS-PAGE



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

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15% SDS-PAGE (3ug)