

AR50714PU-S**Human CD178 / Fas Ligand (130-281, His-tag) - Purified****Alternate names:**

APT1LG1, APTL, Apoptosis antigen ligand, CD95L protein, FASL, FASLG, Fas antigen ligand, TNFSF6, Tumor necrosis factor ligand superfamily member 6

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

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).

Uniprot ID:[P48023](#)**NCBI:**[NP_000630](#)**GeneID:**[356](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol**Description:**

Recombinant human FASLG protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MQIGHPSPPP EKKELRKVAH LTGKSNSRSM PLEWEDTYGI
VLLSGVKYKK GGLVINETGL YFVYSKVYFR GQSCNNLPLS HKVYMRNSKY PQDLVMMEGK
MMSYCTTGQM WARSSYLGA V FNLTSADHLY VNVSELSLVN FEESQTFFG L YKL

Molecular weight: 19.6 kDa (173aa)**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

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

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

Pictures:

