

FASLG, 130-281aa, Human, His tag, E.coli

Cat.NO.: TP02093

3th Edition

Synonyms:Tumor necrosis factor ligand superfamily member 6, APT1LG1, CD178, CD95L, FASL, TNFSF6

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.

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

Molecular Weight:19.6kDa (173aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMQIGHPSPPPEKKELRKVAHLTGKSNRSRSMPLWEDTYGIVLLSGVKYKKGGLVI
NETGLYFVYSKVYFRGQSCNNLPLSHKVYMRNSKYPQDLVMMEGKMMSYCTTGQMWARSSYLGAVFNLTADH
LYVNVSELSLVNFEESQTFGLYKL

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.