

Fas Ligand Recombinant Protein | FASLG recombinant protein

Fas Ligand Protein, Human, Recombinant (His Tag)

CATALOG #
AAA257407

HOST
Yeast

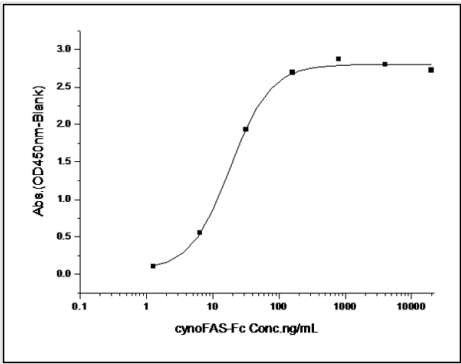
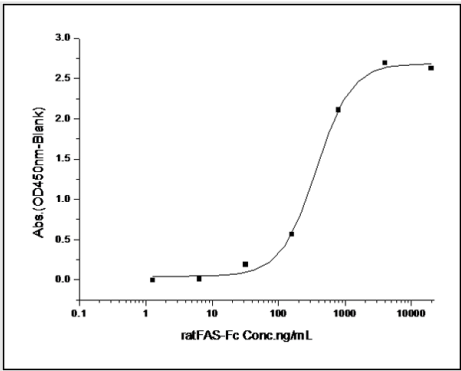
PRODUCT SYNONYMS

Fas Ligand; Fas Ligand Protein; Human; Recombinant (His Tag); Human Fas Ligand/FASLG/CD95L Protein (His Tag); Fas ligand; ALPS1B Protein; APT1LG1 Protein; APTL Protein; CD178 Protein; CD95-L Protein; CD95L Protein; FASL Protein; FASLG Protein; TNFSF6 Protein; TNLG1A Protein; FASLG recombinant protein

PRODUCT SPECIFICATIONS

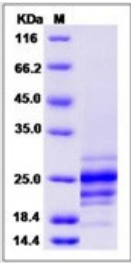
Host	Yeast
Purity/Purification	>90 % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence Positions	168aa
Sequence	Pro134-Leu 281
Species	Human
Tag	N-His
Predicted N Terminal	His
Protein Construction	JA DNA sequence encoding human FASLG (NP_000630.1) (Pro134-Leu281) was expressed with a polyhistidine tag at the N-terminus
Activity	Measured by its binding ability in a functional ELISA.1. Immobilized human His-FASLG at 10ug/ml (100ul/well) can bind Cynomolgus FAS-Fc (Cat:90273-C02H). The EC50 of Cynomolgus FAS-Fc (Cat:90273-C02H) is 0.06-0.14ug/ml. 2. Immobilized human His-FASLG at 10ug/ml (100ul/well) can bind rat FAS-Fc (Cat:80043-R02H). The EC50 of rat FAS-Fc (Cat:80043-R02H) is 0.22-0.52ug/ml.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Shipping: They are shipped out with blue ice pack

IMAGES



Application Data
Measured by its binding ability in a functional ELISA. Immobilized human His-FASLG at 10 ug/ml (100 ul/well) can bind rat FAS-Fc (Cat: 80043-R02H). The EC50 of rat FAS-Fc (Cat: 80043-R02H) is 0.22-0.52 ug/ml.

Application Data
Measured by its binding ability in a functional ELISA. Immobilized human His-FASLG at 10 ug/ml (100 ul/well) can bind Cynomolgus FAS-Fc (Cat: 90273-C02H). The EC50 of Cynomolgus FAS-Fc (Cat: 90273-C02H) is 0.06-0.14 ug/ml.



Application Data

ADDITIONAL INFORMATION

Related Product Information for FASLG recombinant protein	Fas Ligand, also known as FASLG and CD95L, is the ligand for FAS. It is a transmembrane protein which binds to TNFRSF6/FAS. Interaction of FAS with fas Ligand is critical in triggering apoptosis of some types of cells such as lymphocytes. Fas Ligand may be involved in cytotoxic T-cell mediated apoptosis and in T-cell development. TNFRSF6/FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both.
Product Categories/Family for FASLG recombinant protein	Death Receptor Signaling
References	Pitti R M. et al., 1998, Nature. 396 (6712): 699-703. Hane M. et al., 1995, FEBS Lett. 373 (3): 265-8. Schneider P. et al., 1997, J Biol Chem. 272 (30): 18827-33.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557329
NCBI GeneID	356
NCBI Accession #	NP_000630.1
NCBI GenBank Nucleotide #	NM_000639.1
UniProt Accession #	P48023; Q9BZP9
Molecular Weight	31,485 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 6
NCBI Official Synonym Full Names	Fas ligand (TNF superfamily, member 6)
NCBI Official Symbol	FASLG

NCBI Official Synonym Symbols	APTL; FASL; CD178; CD95L; ALPS1B; CD95-L; TNFSF6; APT1LG1
NCBI Protein Information	tumor necrosis factor ligand superfamily member 6; CD95 ligand; fas antigen ligand; apoptosis antigen ligand; apoptosis (APO-1) antigen ligand 1; tumor necrosis factor (ligand) superfamily, member 6
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 6
UniProt Gene Name	FASLG
UniProt Synonym Gene Names	APT1LG1; CD95L; FASL; TNFSF6; APTL; CD95-L; Fas ligand; FasL; sFasL; APL; FasL ICD; SPA
UniProt Entry Name	TNFL6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/faslg-recombinant-protein-yeast/257407>