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Product Information

MemDX™ Membrane Protein Human FASLG (Fas ligand) for Antibody Discovery

Cat. No.: **MP0057Q**
This product is for research use only and is not intended for diagnostic use.

This product is a 17.9 kDa Human FASLG membrane protein expressed in CHO. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
FASLG

Protein Length
Partial

Protein Class
Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight
17.9 kDa

TMD
1

Sequence
HHHHHHHHPSPPPEKKELRKVAHLTGKSNSRSMPLEWEDTYGIVLLSGVKYKKGGLVINETGLYFVYSKVYFRGQSCNNLPLSHKV

Product Description

Expression Systems
CHO

Tag
His

Form
Powder

Endotoxin
< 1 EU/μg

Purity

>95% as determined by SDS-PAGE and Coomassie blue staining

Buffer

0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

FASLG

Full Name

Fas ligand

Introduction

This gene is a member of the tumor necrosis factor superfamily. The primary function of the encoded transmembrane protein is the induction of apoptosis triggered by binding to FAS. The FAS/FASLG signaling pathway is essential for immune system regulation, including activation-induced cell death (AICD) of T cells and cytotoxic T lymphocyte induced cell death. It has also been implicated in the progression of several cancers. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE). Alternatively spliced transcript variants have been described.

Alternative Names

ALPS1B; APT1LG1; APTL; CD95-L; CD95L; CD178; FASL; TNFSF6; TNLG1A; Tumor necrosis factor ligand superfamily member 6; CD95 ligand; Fas ligand (TNF superfamily, member 6); Fas ligand; FasL; CD_antigen; Apoptosis (APO-1); antigen ligand 1; Apoptosis antigen ligand; Fas antigen ligand; Mutant tumor necrosis factor family member 6; Tumor necrosis factor ligand 1A

Gene ID

356

UniProt ID

P48023

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