

Product Information

MemDX™ Membrane Protein Human FASLG (Fas ligand) expressed in CHO for Antibody

Discovery

Cat. No.: **MP0046Q**

This product is for research use only and is not intended for diagnostic use.

This product is a 18 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

Full-length

Protein Class

Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight

18 kDa

TMD

1

Sequence

MQQPFNYPYPQIYWVDSSASSPWAPPGTVLPCTSVPRRPGQRRPPPPPPPPPLPPPPPPPLPPLPLPPLKKGNGHSTGLCLLV

Product Description

Expression Systems

CHO

Tag

Tag Free

Form

Powder

Endotoxin

Less than 0.01 ng per µg protein

Purity

>90%, as determined by Coomassie stained SDS-PAGE

Buffer

1 x PBS

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; Fas ligand (TNF superfamily, member 6); CD95 ligand; Fas ligand; FasL; apoptosis (APO-1) antigen ligand 1; apoptosis antigen ligand; fas antigen ligand; mutant tumor necrosis factor family member 6

Gene ID

[356](#)

UniProt ID

[P48023](#)