

Product Information

MemDX™ Membrane Protein Human ALCAM (Activated leukocyte cell adhesion molecule)

Expressed in NS0 for Antibody Discovery, Partial (28-526aa)

Cat. No.: **MPX0711K**

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

This product is a 83.5 kDa Human ALCAM membrane protein expressed in NS0. 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

ALCAM

Protein Length

Partial (28-526aa)

Protein Class

Immunity

Molecular Weight

83.5 kDa

TMD

1

Sequence

WYTVNSAYGDTIIIPCRDVPQNLMFQKWKYEK
PDGSPVFIAFRSSTKKSQYDDVPEYKDRNLSENITLSISNARISDEKRFVCMVLTEDN
VFEAPTIVKVFQPSKPEIVSKALFLETEQLKLGDCISEDSPDGNITWYRNGKVLHPL
EGAVVIFKKEMDPVTQLYTMTSTLEYKTTKADIQMPFTCSVTYYGPSGQKTIHSEQAVF
DIYYPTQVTIQVLPPKNAIKEGDNITLKLGNPNPPPEEFLFYLPQGPEGIRSSNTYTL
MDVRRNATGDYKCSLIDKKSMIASTAITVHYLDLSLNPSGEVTRQIGDALPVSCITASR
NATVVMKDNIRLRSSPSFSSLHYQDAGNYVCETALQEVEGLKKRESLT LIVEGKPKQIKM
TKKTDPSGLSKTIICHVEGFPAIQWTITGSGSVINQTEESPYINGRYYSKIIISPEEN
VTLTCTAENQLERTVNSLNVSAISIEHDEADEISDENREKVNDQA

Product Description

Activity

Yes

Expression Systems

NS0

Tag

hIgG1 Fc and 6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

ALCAM

Full Name

Activated leukocyte cell adhesion molecule

Introduction

This gene encodes activated leukocyte cell adhesion molecule (ALCAM), also known as CD166 (cluster of differentiation 166), which is a member of a subfamily of immunoglobulin receptors with five immunoglobulin-like domains (VVC2C2C2) in the extracellular domain. This protein binds to T-cell differentiation antigene CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found.

Alternative Names

ALCAM; MEMD; CD166; CD166 antigen; Activated leukocyte cell adhesion molecule

Gene ID

[214](#)

UniProt ID

[Q13740](#)