

Datasheet for ABIN6387963

CD166 Protein (AA 28-527) (hIgG-His-tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CD166 (ALCAM)
Protein Characteristics:	AA 28-527
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD166 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPWYTVNSA YGDTIIIPCR LDVPQNL MFG KWKYEKPDGS PVFIAFRSST KKS VQYDDVP EYKDRNLSE NYTLSISNAR ISDEKRFVCM LVTEDNVFEA PTIVKVFKQP SKPEIVSKAL FLETEQLKKL GDCISED SYP DGNITWYRNG KVLHPLEGAV VIIFKKEMDP VTQLYTMST LEYKTTKADI QMPFTCSVTY YGPSGQKTIH SEQAVFDIYY PTEQVTIQVL PPKNAIKEGD NITLKCLGNG NPPPEEFLFY LPGQPEGIRS SNTYTLTDVR RNATGDYKCS LIDKKSMIAS TAITVHYLDL SLNPSGEVTR QIGDALPVSC TISASRNATV VWMKDNIRLR SSPSFSSLHY QDAGNYVCET ALQEVEGLKK RESLTLIVEG KPQIKMTKKT DPSGLSKTII CHVEGFPKPA IQWTITGSGS VINQTEESPY INGRYYSKII ISPEENVTLT CTAENQLERT VNSLNV SANE NREKVNDQAK LIVGIVVGLL LAALEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VSVLTVLHQ DWLNGKEYKC KVSNAKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNQGPENNY KTTTPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA
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Product Details

LHNHYTQKSL SLSPGKHHHH HH

Purity: > 90% by SDS-PAGE

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

Target Details

Target: CD166 (ALCAM)

Alternative Name: ALCAM/CD166 ([ALCAM Products](#))

Background: ALCAM, as known as CD166 antigen isoform 2, is a type 1 membrane glycoprotein and a member of the immunoglobulin superfamily. It is expressed on thymic epithelium, microvascular endothelium, activated lymphocytes and monocytes, and monocyte-derived dendritic cells. This protein and CD6 interaction plays a role in T cell development and T cell regulation, as well as in the binding of T cells and B cells to activated leukocytes. Recombinant human ALCAM, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 83.1 kDa (742aa)

NCBI Accession: [NP_001230209](#)

UniProt: [Q13740](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

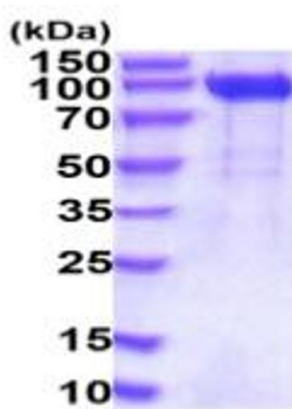
Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.