

Alarelin

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HRM0003

Product Overview

Name Alarelin

Description

Alarelin

Synonyms

Activated Leukocyte Cell Adhesion Molecule, CD166 Antigen, MEMD, Activated Leucocyte Cell Adhesion Molecule, CD166, ALCAM.

Introduction

CD166 antigen isoform 2 (ALCAM) is a type 1 membrane glycoprotein and belongs to the immunoglobulin superfamily. ALCAM is expressed on thymic epithelium, microvascular endothelium, activated lymphocytes and monocytes, and monocyte-derived dendritic cells. CD166 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.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile filtered colorless solution.

Formulation

CD166 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

ADP WYTNSA YGDTIIIPCR LDVPQNL MFG KW KYE KPDGS PVFIAFRSST KK SVQYDDVP EYKDRNL NLSE NYTLSISNAR ISDEKRFVCM LVTEDNVFEA PTIVKVFKQP SKPEIVSKAL FLETEQLKKL GDCISEDSYP DGNITWYRNG KV LHPLEGAV VIIFK KEMDP VT QLYTMTST LEYKTTKADI QMPFTCSVTY YGPSGQKTIH SEQAVFDIYY PTEQVTIQVL PPKNAIKEGD NITLKCLGNG NPPPEEFLFY LPGQPEGIRS SNTYTLTDVR RNATG DYKCS LIDKKSMIAS TAITVHYLDL SLNPSGEVTR QIGDALPVSC TISASRNATV VWMKDNI RLR

SSPSFSSLHY QDAGNYVCET ALQEVEGLKK RESLTLIVEG KPQIKMTKKT DPSGLSKTII CHVEGFPKPA
IQWTITGSGS VINQTEESPY INGRYYSKII ISPEENVTLT CTAENQLERT VNSLNVSANE NREKVNDQAK
LIVGIVVGLL LAA LEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP
EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKG
QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTPPVLDSD GSFFLYSKLT
VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH .

Precautions

Alarelins is for research use only and not for use in diagnostic or therapeutic procedures.