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32-13025: ALCAM (CD166) Human

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

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
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. Â 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.
ALCAM Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 742 amino acids (28-527a.a.) and having a molecular mass of 83.1kDa (Molecular size on SDS-PAGE will appear at approximately 70-100 kDa).CD166 is expressed with a 239 amino acid hIgGHis tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CD166 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADPWYTVNSA YGDTIIIPCR LDVPQNLMFG KWKYEKPDGS PVFIAFRSST KKSVQYDDVP EYKDRLNLSE NYTLSISNAR ISDEKRFVCM LVTEDNVFEA PTIVKVFKQP SKPEIVSKAL FLETEQLKKL GDCISEDSYP DGNITWYRNG KVLHPLEGAV VIIFKKEMDP VTQLYTMTSTLEYKTTKADI QMPFTCSVTY YGPSGQKTIH SEQAVFDIYY PTEQVTIQVL PPKNAIKEGD NITLKCLGNG NPPPEEFLFY LPGQPEGIRS SNTYTLTDVR RNATGDYKCS LIDKKSMIAS TAITVHYLDL SLNPSGEVTR QIGDALPVSC TISASRNATV VWMKDNIRLR SSPSFSSLHYQDAGNYVCET ALQEVEGLKK RESLTLIVEG KPQIKMTKKT DPSGLSKTII CHVEGFPKPA IQWTITGSGS VINQTEESPY INGRYYSKII ISPEENVTLT CTAENQLERT VNSLNVSANE NREKVNDQAK LIVGIVVGLL LAALEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTLMISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTPPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEALHNHYTQKSL SLSPGKHHHH HH.