

Activated Leukocyte Cell Adhesion Molecule (CD166) Human Recombi-

Item Number	rAP-0096
Synonyms	Activated Leukocyte Cell Adhesion Molecule, CD166 Antigen, MEMD, Activated Leucocyte Cell Adhesion Molecule, CD166, ALCAM.
Description	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 hlgGHis tag at
Uniprot Accession Number	Q13740
Amino Acid Sequence	ADPWYTVNSA YGDTIIIPCR LDVPQNL MFG KWKYEKPDGS PVFIAFRSST KKSQYDDVP EY-KDRLNLSE NYTLSISNAR ISDEKRFVCM LVTEENVFEA PTIVKVFKQP SKPEIVSKAL FLETEQLKKL GDCISEDSPY DGNITWYRNG KVLHPLEGAV VIIFKKEMDP VTQLYTMSTLEYKTTKADI QMPFTCSVTY YGPGSGQKTIH SEQAVFDIYY PTEQVTIQVL PPKNAIKEGD NITLKCLGNG NPPPEEFLFY LPGQPEGIRS SNTYTLTDVR RNATGDYKCS LIDKKSMIAS TAITVHYLDL SLNPSGEVTR QIGDALPVSC TISASRNATV
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	CD166 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**