

32-13265: ICAM5 Human

Alternative Name : Intercellular adhesion molecule 5, ICAM5, ICAM-5, Telencephalin, telencephalin, TLN, TLCN, TLNtelencephalin, TLCNtelencephalin.

Description

Source: HEK293.

Sterile filtered colorless solution.

Intercellular Adhesion Molecule-5 or ICAM-5 is a glycoprotein, part of the immunoglobulin family and located in the cell membrane. We can find ICAM-5 in telencephalic neurons, in a couple of adhesion activity, firstly heterophilic binding amid neurons and leukocytes and secondly, homophilic binding amid neurons. ICAM-5 is expressed exclusively in telencephalic areas of the central nervous system. Similar to other ICAMs molecules, ICAM-5 adhere to LFA-1 which is a leukocyte integrin. ICAM5 Human Recombinant produced in HEK293 is a single, glycosylated polypeptide chain containing 1052 amino acids (23-835 a.a) and having a molecular mass of 113.8kDa. ICAM5 is fused to a 239 amino acid hlgG-His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	ICAM5 protein solution (0.5mg/ml) containing 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 :	LFGLSAVSQE PFWADLQPRV AFVERGGSLW LNCSTNCRP ERGGLETSLR RNGTHQRGLRW LARQLVDIRE PETQPVCFFR CARRTLQARG LIRTFQRPDR VELMPLPPWQ PVGENFTLSC RVPGAGPRAS LTLTLRGAQ ELIRRSFAGE PPRARGAVLT ATVLARREDH GANFSCRAEL DLRPHGLGLF ENSSAPREL TFSLSPDAPR LAAPRLLEVG SERPVSTLD GLFPASEARV YLALGDQNLSDVDTLEGDAF VATATATASA EQEGARQLVC NVTLLGGENRE TRENVTIYSF PAPLLTLSEP SVSEGMVTV TCAAGAALV TLEGVPAAVP GQPAQLQLNA TENDRRSFF CDATLDVDGE TLIKNRSAEL RVLVAPRLDD SDCPRSWTWP EGPEQTLRCE ARGNPEPSVH CARSDGGAVL ALGLLGPVTR ALSGTYRCKA ANDQGEAVKD VTLTVEYAPA LDSVGCPEI TWLEGTEASL SCVAHGVPVP DVICVRSGEL GAVIEGLLRV AREHAGTYRC EATNPRGSAA KNAVTVVEYG PRFEEPSCPS NWTWVEGSGR LFSCEVDGKP QPSVKCVGSG GATEGVLLPL APPDPSRAP RIPRVLAPGI YVCNATNRHG SVAKTVVVSA ESPPEMDEST CPSHQTWLEG AEASALACAA RGRPSGVRG SREGIPWPEQ QRVSRDAGT YHCVATNAHG TDSRTVTGV EYRPVVAELA ASPGGVVRG GNFTLTCRAE AWPPAQISWR APPGALNIGL SSNNSTLSVA GAMGSHGGEY ECAATNAHGR HARRITVRVA GPWLEPKSCD KTHTCPPCA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPDIAVEW ESNQPENNY KTTPPVLDSG GSFFLYSKLT VDKSRWQQGN VFSCVMHEA LHNHYTQKSL SLSPGKHHHH HH.