9051 Mira Mesa Blvd, #910094
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# ICAM5 Human

*Intercellular Adhesion Molecule-5 Human Recombinant*
*RCP1103*

## Product Overview

| | |
|---|---|
| Name | ICAM5 Human |
| **Description** | |
| Intercellular Adhesion Molecule-5 Human Recombinant | |
| Accession (Primary) | Q9UMF0 |
| **Synonyms** | |
| Intercellular adhesion molecule 5, ICAM5, ICAM-5, Telencephalin, telencephalin, TLN, TLCN, TLNtelencephalin, TLCNTelencephalin. | |
| **Introduction** | |
| 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. | |
| **Source** | |
| HEK293. | |
| **Physical Appearance** | |
| Sterile filtered colorless solution. | |
| **Formulation** | |
| ICAM5 protein solution (0.5mg/ml) containing 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** | |
| LFGLSAVSQE PFWADLQPRV AFVERGGSLW LNCSTNCPRP ERGGLETSLR RNGTQRGLRW LARQLVDIRE PETQPVCFFR CARRTLQARG LIRTFQRPDR VELMPLPPWQ PVGENFTLSC RVPGAGPRAS LTLTLLRGAQ ELIRRSFAGE PPRARGAVLT ATVLARREDH GANFSCRAEL DLRPHGLGLF ENSSAPRELR TFSLSPDAPR | |

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LAAPRLLEVG SERPVSCTLD GLFPASEARV YLALGDQNLS PDVTLEGDAF VATATATASA EQEGARQLVC NVTLGGENRE TRENVTIYSF PAPLLTLSEP SVSEGQMVTV TCAAGAQALV TLEGVPAAVP GQPAQLQLNA TENDDRRSFF CDATLDVDGE TLIKNRSAEL RVLYAPRLDD SDCPRSWTWP EGPEQTLRCE ARGNPEPSVH CARSDGGAVL ALGLLGPVTR ALSGTYRCKA ANDQGEAVKD VTLTVEYAPA LDSVGCPERI TWLEGTEASL SCVAHGVPPP DVICVRSGEL GAVIEGLLRV AREHAGTYRC EATNPRGSAA KNVAVTVEYG PRFEEPSCPS NWTWVEGSGR LFSCEVDGKP QPSVKCVGSG GATEGVLLPL APPDPSPRAP RIPRVLAPGI YVCNATNRHG SVAKTVVVSA ESPPEMDEST CPSHQTWLEG AEASALACAA RGRPSPGVRC SREGIPWPEQ QRVSREDAGT YHCVATNAHG TDSRTVTVGV EYRPVVAELA ASPPGGVRPG GNFTLTCRAE AWPPAQISWR APPGALNIGL SSNNSTLSVA GAMGSHGGEY ECAATNAHGR HARRITVRVA GPW LEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTPPVLDSD GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH.

**Precautions**

ICAM5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q9UMF0 )