

Recombinant Human ICAM5 Protein, hlgG/His-tagged

Cat. No. ICAM5-020H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ICAM-5, fused to hlgG/His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is expressed on the surface of telencephalic neurons and displays two types of adhesion activity, homophilic binding between neurons and heterophilic binding between neurons and leukocytes. It may be a critical component in neuron-microglial cell interactions in the course of normal development or as part of neurodegenerative diseases.
Form	Liquid
Molecular Mass	113.8 kDa
AA Sequence	LFGLSAVSQEPFWADLQPRVAFVERGGSLWLNCSNCPRPERGGLETSLRRNGTQ RGLRWLARQLVDIREPETQPVCFFRCARRTLQARGLIRTFQRPDRVELMPLPPWQP VGENFTLSCRVPGAGPRASLTLLRGAQELIRRSFAGEPPRARGAVLTATVLARRE DHGANFSCRAELDLRPHGLGLFENSSAPRELRTFSLSPDAPRLAAPRLLEVGSERP VSCTLDGLFPASEARVYLALGDQNLSPDVTLEGDAFVATATATASAEQEGARQLVC

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NVTLGGENRETRENTIYSFPAPLLTLSEPSVSEGQMVTVTCAAGAQUALVTLEGVPA
 AVPGQPAQLQLNATENDDRRSFFCDATLDVDGETLIKNRSAELRVLYAPRLDDSDC
 PRSWTWPEGPEQTLRCEARGNPEPSVHCARSDDGAVLALGLLGPVTRALSGTYRC
 KAANDQGEAVKDVTLTVEYAPALDSVGCPPERITWLEGTEASLSCVAHGVPDPVICV
 RSGELGAVIEGLLRVAREHAGTYRCEATNPRGSAAKNVAVTVEYGPRFEPPSCPSN
 WTWVEGSGRLFSCEVDGKPQPSVKCVGSGGATEGVLLPLAPPDPSRAPRIPRVL
 APGIYVCNATNRHGSAKTVVVSASPPEMDESTCPSHQTWLEGAEASALACAAR
 GRPSGVRCSREGIPWPEQQRVSREDAGTYHCVATNAHGTDSRTVTVGVEYRPVV
 AELAASPPGGVRPGGNFTLTCRAEAWPPAQISWRAPPGALNIGLSSNNSTLSVAGA
 MSHHGGEYECATNAHGRHARRITVRVAGPW

Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -99 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by Bradford assay)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	ICAM5 intercellular adhesion molecule 5 [Homo sapiens (human)]
Official Symbol	ICAM5
Synonyms	ICAM5; intercellular adhesion molecule 5; TLN; TLCN; intercellular adhesion

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molecule 5; ICAM-5; intercellular adhesion molecule 5, telencephalin; telencephalin

Gene ID 7087

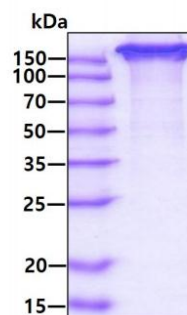
mRNA Refseq NM_003259

Protein Refseq NP_003250

MIM 601852

UniProt ID Q9UMF0

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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