

Datasheet for ABIN7596386

ICAM5 Protein (AA 23-835) (hIgG-His-tag)



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Overview

Quantity:	500 µg
Target:	ICAM5
Protein Characteristics:	AA 23-835
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICAM5 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LFGLSAVSQE PFWADLQPRV AFVERGGSLW LNCSTNCPRP ERGGLETSLR RNGTQRGLRW LARQLVDIRE PETQPVCFFR CARRTLQARG LIRTFQRPDR VELMPLPPWQ PVGENFTLSC RVPGAGPRAS LTLTLRGAQ ELIRRSFAGE PPRARGAVLT ATVLARREDH GANFSCRAEL DLRPHGLGLF ENSSAPREL R TFSLSPDAPR LAAPRLLEV G SERPV SCTLD GLFPASEARV YLALGDQNL S PDVTLEGDAF VATATATASA EQEGARQLVC NVTLGGENRE TRENV TIYSF PAPLLTLSEP SVSEGMVTV TCAAGA QALV TLEGVPA AV P GQPAQLQLNA TENDDRRSFF CDATLDVDGE TLIKNRSAEL RVLYAPRLDD SDCPRSWTWP EGPEQTLRCE ARGNPEPSVH CARSDGGAVL ALGLLGPVTR ALSGTYRCKA ANDQGEAVKD VTLTVEYAPA LDSVGC PERI TWLEGTEASL SCVAHGVP PP DVICVRSGEL GAVIEGLLRV AREHAGTYRC EATNPRGSAA KNVAVTVEYG PRFE EPSCPS NWTWVEGSGR LFSCEVDGKP QPSVKCVGSG GATEGVLLPL APPDPSRAP RIPRVLAPGI YVCNATNRHG SVAKTVV VSA ESPPEMDEST CPSHQ TWLEG AEASALACAA RGRPSPGVRC SREGIPWPEQ QRV SREDAGT YHC VATNAHG TDSRTVTVG V
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Product Details

EYRPVVAELA ASPPGGVRPG GNFTLTCRAE AWPPAQISWR APPGALNIGL SSNNSTLSVA
GAMGSHGGEY ECAATNAHGR HARRITVRVA GPW

Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	ICAM5
Alternative Name:	ICAM-5 (ICAM5 Products)
Background:	ICAM-5, also known as telencephalin, is a cell surface glycoprotein belonging to the immunoglobulin superfamily. Human ICAM-5 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. The tissue of ICAM-5, being expressed only in telencephalic regions of the central nervous system. Like other ICAMs, ICAM-5 binds to the leukocyte integrin LFA-1. Recombinant human ICAM-5, fused to hIgG-His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Molecular Weight:	113.8kDa (1052aa)
NCBI Accession:	NP_003250
Pathways:	Cell-Cell Junction Organization , ER-Nucleus Signaling , Maintenance of Protein Location

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.