

Recombinant Human ICAM5 protein, His & GST-tagged

Cat. No. ICAM5-588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICAM5 aa. (Arg409~Pro674 (Accession # Q9UMF0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg409~Pro674
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

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 molecule 5; ICAM-5; intercellular adhesion molecule 5, telencephalin; telencephalin
Gene ID	7087
mRNA Refseq	NM_003259.3
Protein Refseq	NP_003250.3

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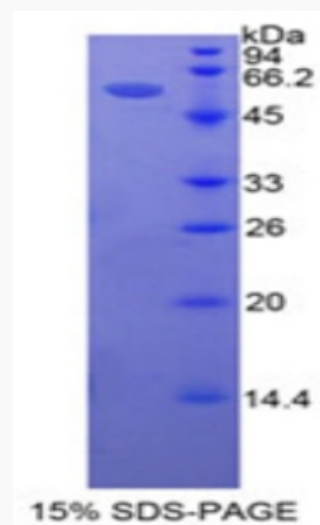
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UniProt ID

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SDS-PAGE

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