

Datasheet for ABIN5510695

ICAM5 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	ICAM5
Binding Specificity:	AA 28-570
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human ICAM5
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO Immunogen sequence: A28-E570
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Expressed on neurons in the most rostral segment of the mammalian brain, the telencephalon.

Target Details

Target:	ICAM5
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Target Details

Alternative Name: ICAM5 ([ICAM5 Products](#))

Background: Protein Function: ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2).

Background: Intercellular adhesion molecule 5 is a protein that in humans is encoded by the ICAM5 gene. 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.

Synonyms: Intercellular adhesion molecule 5, ICAM-5, Telencephalin, ICAM5, TLCN, TLN,

Full Gene Name: Intercellular adhesion molecule 5

Cellular Localisation: Membrane, Single-pass type I membrane protein.

UniProt: [Q9UMF0](#)

Pathways: [Cell-Cell Junction Organization](#), [ER-Nucleus Signaling](#), [Maintenance of Protein Location](#)

Application Details

Plate: Pre-coated

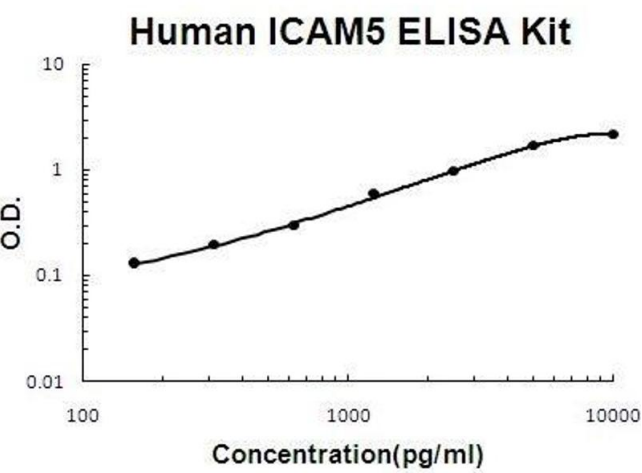
Restrictions: For Research Use only

Handling

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

Expiry Date: 12 months



ELISA

Image 1. Human ICAM5 PicoKine ELISA Kit standard curve