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## Datasheet for ABIN7319578 ICAM2 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	ICAM2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICAM2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human ICAM-2/CD102 Protein (His Tag)
Sequence:	Lys25-Gln223
Characteristics:	Recombinant Human ICAM-2 is produced by our Mammalian expression system and the target gene encoding Lys25-Gln223 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	ICAM2
Alternative Name:	ICAM-2/CD102 ( <a href="#">ICAM2 Products</a> )
Background:	Background: ICAM-2 is a 55-65 kD transmembrane glycoprotein possessing 2 extracellular Ig domains, a single transmembrane domain, and a short 26-amino acid cytoplasmic domain. ICAM-2 is expressed on most leukocytes, and is strongly expressed on vascular endothelial

## Target Details

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cells. Interactions of ICAM-2 and the integrin receptors mediate cell adhesion in a wide range of lymphocyte, monocyte, natural killer cell, and granulocyte with other cells, and play important roles in many adhesion-dependent immune and inflammation responses, such as T cell aggregation, NK-cell cytotoxicity and migration, lymphocyte recirculation, etc. Serum levels of ICAM-2 correlated significantly with the inflammatory and course sequences of trichinosis in mice and had a similar relation with blood eosinophilia. So, estimation of ICAM-2 serum levels may prove useful in diagnosis of trichinosis recent infections, and in monitoring the prognosis and response to treatment.

Synonym: Intercellular Adhesion Molecule 2, ICAM-2, CD102, ICAM2

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Molecular Weight: 23.13 kDa

UniProt: [P13598](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2  $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, 2 mM CaCl<sub>2</sub>, 2 mM MgCl<sub>2</sub>, 5 % Threhalose, pH 7.2.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.