

Datasheet for ABIN7596199

ICAM-3/CD50 Protein (AA 30-485) (hIgG-His-tag)[Go to Product page](#)

Overview

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|-------------------------------|---|
| Quantity: | 250 µg |
| Target: | ICAM-3/CD50 (ICAM3) |
| Protein Characteristics: | AA 30-485 |
| Origin: | Human |
| Source: | Baculovirus infected Insect Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This ICAM-3/CD50 protein is labelled with hIgG-His-tag. |
| Application: | SDS-PAGE (SDS), Activity Assay (AcA) |

Product Details

| | |
|------------------|---|
| Sequence: | QEFLLRV EPQNPVLSAG GSLFVNCSTD CPSSEKIALE TSLSKELVAS GMGWAAFNLS NVTGNSRILC SVYCNGSQIT GSSNITVYRL PERVELAPLP PWQPVGQNFT LRCQVEDGSP RTSLTVLLR WEEELSRQPA VEEPAEVTAT VLASRDDHGA PFSCRTELDM QPQGLGLFVN TSAPRQLRTF VLPVTPPRLV APRFLEVETS WPDCTLDGL FPASEAQVYL ALGDQMLNAT VMNHGDTLTA TATATARADQ EGAREIVCNV TLGGERREAR ENLTVFSFLG PIVNLSEPTA HEGSTVTVSC MAGARVQVTL DGVPAAPGQ PAQLQLNATE SDDGRSFFCS ATLEVDGEFL HRNSSVQLRV LYGPKIDRAT CPQHLKWKDK TRHVLQCQAR GNPYPELRCL KEGSSREVPV GIPFFVNVTH NGTYQCQASS SRGKYTLVVV MDIEAGSSH |
| Purity: | > 90% by SDS-PAGE |
| Endotoxin Level: | < 1 EU per 1ug of protein (determined by LAL method) |

Product Details

Biological Activity Comment: Measured by the ability of the immobilized protein to support the adhesion of HL-60 human promyelocytic cells. When cells are added to Human ICAM-3/CD50 coated plates, the ED50 range $\leq 4 \mu\text{g/ml}$.

Target Details

Target: ICAM-3/CD50 (ICAM3)

Alternative Name: ICAM-3/CD50 ([ICAM3 Products](#))

Background: ICAM-3/CD50, also known as CD50 (Cluster of Differentiation 50), 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 constitutively and abundantly expressed by all leukocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signaling molecule. Recombinant human ICAM-3/CD50, fused hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 76.7 kDa (698aa)

NCBI Accession: [NP_002153](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 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.