



[Go to Product page](#)

Datasheet for ABIN7534560  
**ICAM-3/CD50 Protein (Fc Tag,His tag)**

### Overview

Quantity:	50 µg
Target:	ICAM-3/CD50 (ICAM3)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ICAM-3/CD50 protein is labelled with Fc Tag,His tag.

### Product Details

Purpose:	Active Recombinant Human ICAM-3/CD50 Protein
Sequence:	QEFLLRVEPQ NPVLSAGGSL FVNCSTDCPS SEKIALETSL SKELVASGMG WAAFNLSNVT GNSRILCSVY CNGSQITGSS NITVYRLPER VELAPLPPWQ PVGQNFTLRC QVEDGSPRTS LTVLLRWEE ELSRQPAVEE PAEVTATVLA SRDDHGAPFS CRTELDMQPQ GLGLFVNTSA PRQLRTFVLP VTPPRLVAPR FLEVETSWPV DCTLDGLFPA SEAQVYLALG DQMLNATVMN HGDTLTATAT ATARADQEGA REIVCNVTLG GERREARENL TVFSFLGPIV NLSEPTAHEG STVTVSCMAG ARVQVTLDGV PAAAPGQPAQ LQLNATESDD GRSFFCSATL EVDGEFLHRN SSVQLRVLYG PKIDRATCPQ HLKWKDKTRH VLQCQARGNP YPELRCLKEG SSREVPVGIP FFVNVTHNGT YQCQASSRG KYTLVVMDI EAGSSH
Specificity:	Gln30-His485
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered

## Product Details

---

Endotoxin Level: < 0.1 EU/µg of the protein by LAL method.

---

Biological Activity Comment: Measured by the ability of the immobilized protein to support the adhesion of THP-1 cells. When cells are added to ICAM-3 coated plates (12.5 µg/mL, 100 µL/well), approximately >50% cells will adhere specifically after 60 minutes at 37 °C.

---

## Target Details

---

Target: ICAM-3/CD50 (ICAM3)

---

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

---

Background: Description: This protein 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 leucocytes 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 signalling molecule.

Name: ICAM3,CD50,CDW50,ICAM-R,ICAM3 / CD50

---

Gene ID: 3385

---

UniProt: [P32942](#)

---

## Application Details

---

Restrictions: For Research Use only

---

## Handling

---

Format: Lyophilized

---

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

---

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

---

Storage: -20 °C,-80 °C

---

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.  
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1

week.