

# ICAM2 Human

*Intercellular Adhesion Molecule-2 Human Recombinant*  
RCP1101

## Product Overview

Name ICAM2 Human

### Description

Intercellular Adhesion Molecule-2 Human Recombinant

Accession (Primary) [P13598](#)

### Synonyms

ICAM3, Intercellular adhesion molecule 3, ICAM-3, CD50, CDW50, ICAM-R, intercellular adhesion molecule 3 isoform 1

### Introduction

ICAM-3/CD50, or CD50 or Cluster of Differentiation 50 is a protein, part of the intercellular adhesion molecule superfamily. every ICAM peptides are type I transmembrane glycoproteins, bind to leukocyte adhesion LFA-1 & has 2-9 immunoglobulinlike C2-type domains. ICAM-3/CD50 can be found in every leukocyte and acts as a crucial ligand for LFA-1 in the start of the immune system response. ICAM-3/CD50 acts as an adhesion molecule and is also a potent signaling protein.

### Source

Sf9, Baculovirus cells.

### Physical Appearance

Sterile Filtered colorless solution.

### Formulation

The ICAM3 solution (0.25mg/1ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 90.0% as determined by SDS-PAGE.

### Amino acid sequence

ADL QEFLLRV EPQNPVLSAG GSLFVNCSTD CPSSSEKIALE TSLSKELVAS GMGWAAFNLS NVTGNSRILC  
SVYCNGSQIT GSSNITVYRL PERVELAPLP PWQPVGQNFT LRCQVEDGSP RTSLTVVLLR WEEELSRQPA  
VEEPAEVTAT VLASRDDHGA PFSCRTELDM QPQGLGLFVN TSAPRQLRTF VLPVTPPRLV APRFLEVETS

WPVDCTLDGL FPASEAQVYL ALGDQMLNAT VMNHGDTLTA TATATARADQ EGAREIVCNV TLGGERREAR  
ENLTVFSFLG PIVNLSEPTA HEGSTVTVSC MAGARVQVTL DGVPAAAPGQ PAQLQLNATE SDDGRSFFCS  
ATLEVDGEFL HRNSSVQLRV LYGPKIDRAT CPQHLKWKDK TRHVLQCQAR GNPYPELRCL KEGSSREVPV  
GIPFFVNVTH NGTYQCQASS SRGKYTLVVV MDIEAGSSHV EPKSCDKTHT CPPCPAPELL GGPSVFLFPP  
KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN  
GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG  
QPENNYKTTP PVLDSGDSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTQKSLSLSP GKHHHHHHH

### Biological Activity

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 ?4ug/ml.

### Precautions

ICAM2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

**Target Information: ( [P13598](#) )**