

Product datasheet for **AR31170PU-N**

CD54 / ICAM1 Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD54 / ICAM1 human recombinant protein, 50 µg
Species:	Human
Expression Host:	CHO
Predicted MW:	72-80 kDa
Purity:	>98% by SDS-PAGE and HPLC
Buffer:	Presentation State: Purified State: Lyophilized purified protein Stabilizer: None
Bioactivity:	Biological: ICAM-1 supported the adhesion of more than 50% PMA-stimulated HSB2 cells to plates coated at 25µg/ml ICAM-1 concentration
Endotoxin:	< 0.1 ng per µg of ICAM-1
Preparation:	Lyophilized purified protein
Protein Description:	Recombinant human ICAM-1 is a 49.5 kDa glycoprotein comprising the extracellular domain (453 amino acid residues) of ICAM-1. Monomeric glycosylated ICAM-1 migrates at an apparent molecular weight of approximately 72.0-80.0 kDa by SDS-PAGE analysis under reducing conditions.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000192
Locus ID:	3383
UniProt ID:	P05362 , A0A384MEK5
Cytogenetics:	19p13.2
Synonyms:	BB2; CD54; P3.58



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Summary:	This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Viral myocarditis