

AR51850PU-N**Human ICAM1 (28-480, His-tag) - Purified**

Alternate names:	BB2, CD54, Intercellular adhesion molecule 1
Quantity:	0.25 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	ICAM1, also known as intercellular adhesion molecule 1, is a member of the immunoglobulin superfamily. They are important in inflammation, immune responses and in intracellular signalling events. It is known to bind to leucocyte integrins CD11/CD18 such as LFA-1 and Macrophage-1 antigen, during inflammation and in immune responses.
NCBI:	NP_000192.1
Species:	Human
Format:	State: Liquid purified protein Purity: >90% by SDS – PAGE. Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol. Endotoxin Level: < 1.0 Eu per 1 microgram of protein (determined by LAL method)
Description:	Recombinant human ICAM1, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. AA Sequence: QTSVSPSKVI LPRGGSVLVT CSTSCDQPKL LGIETPLPKK ELLLPGNRKR VYELSNVQED SQPMCYSNCP DGQSTAKTFL TVYWTPERVE LAPLPSWQPV GKNLTLRCQV EGGAPRANLT VVLLRGEKEL KREPAVGPEA EVTTTTLVRR DHGANGFSCR TELDLRPQGL ELFENTSAPY QLQTFVLPAT PPQLVSPRVL EVDTQGTVVC SLDGLFPVSE AQVHLALGDQ RLNPTVITYGN DSFSAKASVS VTAEDGTRQ LTCAVILGNQ SQETLQTVTI YSFPAPNVIL TKPEVSEGTE VTVKCEAHPR AKVTLNGVPA QPLGPRAQLL LKATPEDNGR SFSCSATLEV AGQLIHKNQT RELRLVLYGPR LDERDCPGNW TWPENSQOTP MCQAWGNPLP ELKCLKDGTG PLPIGESVTV TRDLEGTLYC RARSTQGEVT REVTNVNLSP RYEVEPKSCD KTHTCPPECA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTTPVLDSG GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYRQKSL SLSPGKHHHH HH Molecular weight: 76.5 kDa (692aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Yusuf-Makagiansar H. et al. (2001) Peptides. 22:1955-1962

Pictures:

