

Recombinant Human ICAM1 Protein

Catalog #	Source	Reactivity	Applications
CRP1695	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human ICAM1 Protein is produced by our mammalian expression system and the target gene encoding Asn26-Glu480 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol ICAM1

Alternative Names Intercellular adhesion molecule 1; ICAM-1; Major group rhinovirus receptor; CD54

Entrez Gene 3383 (Human)

SwissProt P05362 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure NAQTSVSPSK VILPRGGSVL VTCSTSCDQP KLLGIETPLP KKELLPGNN RKVYELSNVQ
EDSQPMCYSN CPDGGSTAKT FLTIVYWTPER VELAPLPSWQ PVGKNLTLRC QVEGGAPRAN
LTVVLLRGEK ELKREPAVGE PAEVTTTVLV RRDHHGANFS CRTELDLRPQ GLELFENTSA
PYQLQTFVLP ATPPQLVSPR VLEVDTQGTV VCSLDGLFPV SEAQVHLALG DQRLNPTVTY
GNDSFSAKAS VSVTAEDEGT QRLTCAVILG NQSQETLQTV TIYSFPAPNV ILTKPEVSEG
TEVTVKCEAH PRAKVTLNGV PAQPLGPRAQ LLLKATPEDN GRSFSCSATL EVAGQLIHK
QTRELRVLYG PRLDERDCPG NWTWPENSQQ TPMCQAWGNP LPELKCLKDG TFPLPIGESV
TVTRDLEGTY LCRARSTQGE VTRKVTVNVL SPRYEVDDIE GRMDEPKSCD KTHTCPPCPA
PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP
REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVS NKALPAP IEKTISKAKG QPREPQVYTL
PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTTPVLDSG GSFFLYSKLT
VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGK

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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