

Product datasheet for **TP727952**

ICAM1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Intercellular Adhesion Molecule 1/ICAM-1/CD54 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Asn26-Glu480
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Intercellular Adhesion Molecule 1 is produced by our Mammalian expression system and the target gene encoding Asn26-Glu480 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3383
UniProt ID:	P05362
Summary:	Inter-Cellular Adhesion Molecule 1 (ICAM1) is a type of intercellular adhesion molecule continuously present in low concentrations in the membranes of leukocytes and endothelial cells. As an endothelial and leukocyte-associated transmembrane protein, ICAM1 is well known for its importance in stabilizing cell-cell interactions and facilitating leukocyte endothelial transmigration. The presence of heavy glycosylation and other structural characteristics lend ICAM1 binding sites for a number of immune-associated ligands. Notably, ICAM-1 binds to macrophage adhesion ligand-1 (Mac-1; ITGB2 / ITGAM), leukocyte function associated antigen-1 (LFA-1/integrin), and fibrinogen. ICAM-1 expressed by respiratory epithelial cells is also the binding site for rhinovirus, the causative agent of most common colds.



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