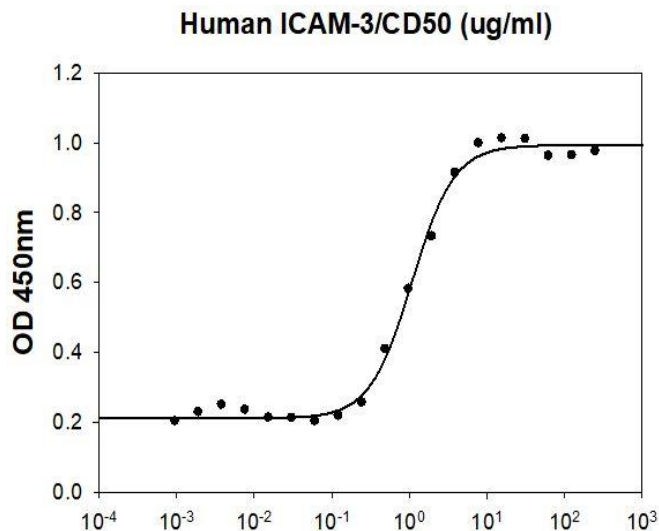
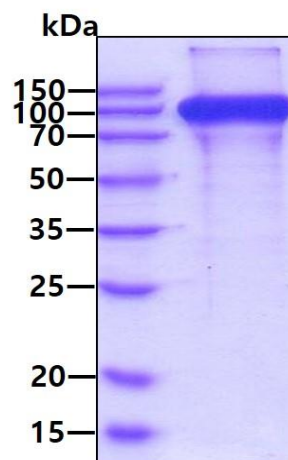


ICAM-3, Human Recombinant

| | |
|-----------------------------|--|
| CATALOG NO: | P1564-20 50 µg |
| ALTERNATE NAMES: | ICAM3, Intercellular adhesion molecule 3, ICAM-3, CD50, CDW50, ICAM-R, intercellular adhesion molecule 3 isoform 1 |
| MOL. WT. | 76.7 kDa (hlgG-His-tag at C-terminus) |
| SOURCE: | Baculovirus |
| PURITY: | >95% SDS - PAGE |
| ENDOTOXIN: | < 1 EU per 1ug of protein (determined by LAL method) |
| FORM: | Liquid |
| FORMULATION: | In Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol |
| 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 ED ₅₀ range ≤4ug/ml. |
| STORAGE CONDITIONS: | Store at 4°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles. |
| DESCRIPTION: | ICAM-3/CD50, also known as CD50 (Cluster of Differentiation 50), is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulinlike C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leukocytes and maybe the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signaling molecule. Recombinant human ICAM-3/CD50, fused hlgG-His-tag at C-terminus, was expressed in the insect cell and purified by using conventional chromatography techniques. |
| AMINO ACID SEQUENCE: | aa 30-485 |



Human ICAM-3/CD50 stimulates cell adhesion of the HL-60 human promyelocytic cells. The ED₅₀ range ≤4 ug/ml.



3 µg by SDS-PAGE under reducing condition and stained by coomassie blue stain.

RELATED PRODUCTS:

- ICAM-1, human recombinant (7161)
- Human CellExp™ ICAM2 /CD102, human recombinant (7487)
- Human CellExp™ ICAM1 /CD54, human recombinant (7486)
- ICAM-2, human recombinant (7349)

FOR RESEARCH USE ONLY! Not to be used on humans.