PRODUCT INFORMATION

Target	ICAM3
Synonyms	CD50;CDW50;ICAM-R
Description	Recombinant Human ICAM3 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P32942
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	ICAM3(Gln30-His485) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 50.3 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be 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 signalling molecule. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016]
Usage	Research use only
Conjugate	Unconjugated

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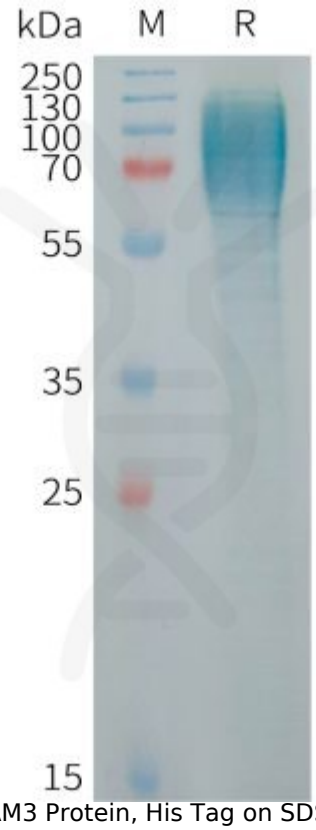


Figure 1.Human ICAM3 Protein, His Tag on SDS-PAGE under reducing condition.

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