

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN ICAM3 PROTEIN, HIS TAG

Cat.#: 11914

Product Name: Human ICAM3 Protein

Size: 10 μg, 50 μg and 100 μg

Synonyms: CD50;CDW50;ICAM-R

Target: ICAM3

UNIPROT ID: P32942

Description: Recombinant Human ICAM3 Protein with C-terminal 6xHis tag

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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 50.3 kDa after removal of the signal peptide.

Molecular Characterization: ICAM3(Gln30-His485) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.



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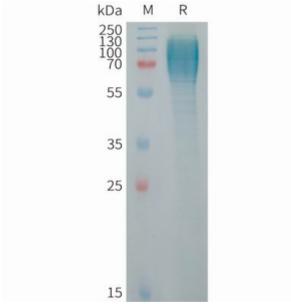


Figure 1.Human ICAM3 Protein, His Tag on SDS-PAGE under reducing condition.