

MOUSE ICAM1 PROTEIN, HIS TAG

Cat.#: 12204

Product Name: Mouse ICAM1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CD54;Ly-47;Icam-1;MALA-2

Target: ICAM1

UNIPROT ID: P13597

Description: Recombinant mouse ICAM1 protein with C-terminal 6xHis tag

Background: This gene encodes an integral membrane protein that binds leukocyte adhesion protein LFA-1. It participates in the innate immune response. [provided by RefSeq, Aug 2016]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 51.1 kDa after removal of the signal peptide. The apparent molecular mass of mICAM1-His is approximately 70-130 kDa due to glycosylation.

Molecular Characterization: Mouse ICAM1(Gln28-Asn485) 6xHis 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.

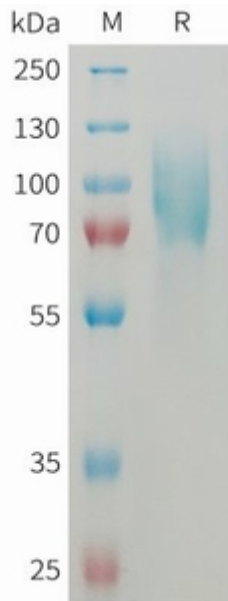


Figure 1. Mouse ICAM1 Protein, His Tag on SDS-PAGE under reducing condition.