

HUMAN CD205 PROTEIN, HIS TAG

Cat.#: 11439

Product Name: Human CD205 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: LY75;CLEC13B;DEC-205;GP200-MR6;LY-75

Target: CD205

UNIPROT ID: O60449

Description: Recombinant human CD205 protein with C-terminal 6xHis tag

Background: Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment (By similarity). Causes reduced proliferation of B-lymphocytes.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 189.6 kDa after removal of the signal peptide.

Molecular Characterization: CD205(Ser19-Asp1666) 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.

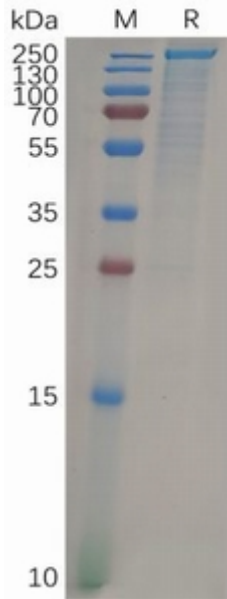


Figure 1. Human CD205 Protein, His Tag on SDS-PAGE under reducing condition.