

HUMAN NCR1 PROTEIN, HFC TAG

Cat.#: 11630

Product Name: Human NCR1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CD335;LY94;NK-p46;NKP46

Target: NCR1

UNIPROT ID: O76036

Description: Recombinant Human NCR1 with C-terminal human Fc tag

Background: Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 52.5 kDa after removal of the signal peptide. The apparent molecular mass of NCR1-hFc is approximately 55–70 kDa due to glycosylation.

Molecular Characterization: NCR1(Gln22-Asn254) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% 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.

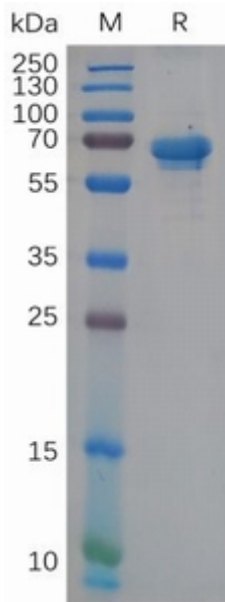


Figure 1. Human NCRI Protein, hFc Tag on SDS-PAGE under reducing condition.