

PRODUCT INFORMATION

Target CD161

Synonyms NKR;KLRB1;CLEC5B;NKR-P1;NKRP1A;NKR-P1A;hNKR-P1A Recombinant human CD161 Protein with N-terminal Description

human Fc tag

Delivery In Stock **Uniprot ID** Q12918 **Expression Host HEK293**

N-Human Fc Tag Tag

Molecular Characterization

Background

hFc(Glu99-Ala330) CD161(Gln67-Ser225)

Molecular Weight

The protein has a predicted molecular mass of 44.6 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CD161 is approximately 55-70

kDa due to glycosylation.

The purity of the protein is greater than 95% as **Purity**

determined by SDS-PAGE and Coomassie blue staining. Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific

Formulation & Reconstitution

instructions of reconstitution.

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 Storage & Shipping

freezing and thawing). Lyophilized proteins are shipped

at ambient temperature.

Natural killer (NK) cells are lymphocytes that mediate cytotoxicity and secrete cytokines after immune stimulation. Several genes of the C-type lectin superfamily, including the rodent NKRP1 family of glycoproteins, are expressed by NK cells and may be involved in the regulation of NK cell function. The KLRB1 protein contains an extracellular domain with several

motifs characteristic of C-type lectins, a transmembrane domain, and a cytoplasmic domain. The KLRB1 protein is classified as a type II membrane protein because it has an external C terminus. [provided by RefSeq, Jul

20081

Usage Research use only Conjugate Unconjugated

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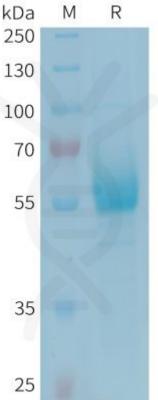


Figure 1. Human CD161 Protein, hFc Tag on SDS-PAGE under reducing condition.



