PRODUCT INFORMATION

Target	CD161
Synonyms	NKR;KLRB1;CLEC5B;NKR-P1;NKRP1A;NKR-P1A;hNKR-P1A
Description	Recombinant human CD161 Protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q12918
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Background	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 2008]
Usage	Research use only
Conjugate	Unconjugated

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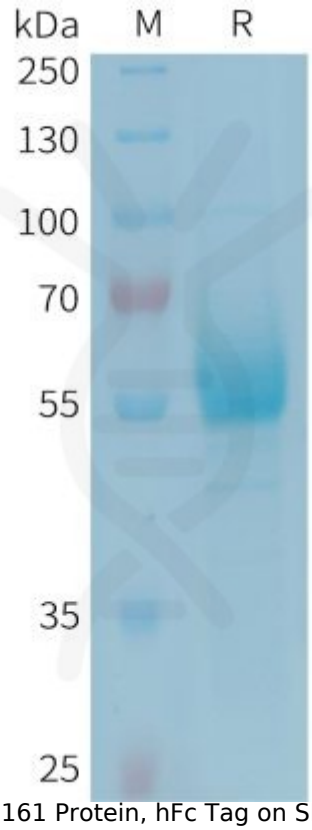


Figure 1. Human CD161 Protein, hFc Tag on SDS-PAGE under reducing condition.

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