Datasheet for ABIN7538350

CD161 Protein (Fc Tag)

1 Image

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Overview

Quantity:	50 µg
Target:	CD161 (KLRB1)
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD161 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human CD161 Protein with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) CD161 (Gln67-Ser225)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD161 (KLRB1)
Alternative Name:	CD161 (KLRB1 Products)
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

Target Details

	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]
Molecular Weight:	predicted molecular mass of 44.6 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CD161 is 55-70 kDa due to glycosylation.
UniProt:	Q12918

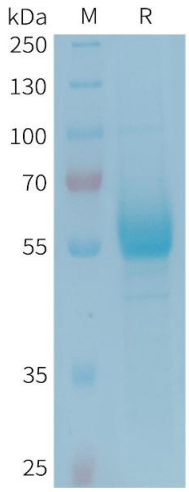
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months

Images



SDS-PAGE

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