

Datasheet for ABIN7529374

**CD161 Protein (AA 67-225) (hIgG-His-tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	CD161 (KLRB1)
Protein Characteristics:	AA 67-225
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD161 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPQKSSIEK CSVDIQQSRN KTTERPGLLN CPIYWQQLRE KCLFSHTVN PWNNSLADCS TKESSLLLIR DKDELIHTQN LIRDKAILFW IGLNFSLSEK NWKWINGSFL NSNDLEIRGD AKENSCISIS QTSVYSEYCS TEIRWICQKE LTPVRNKVYP DSLEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLF PSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSLS LSPGKHHHHH H
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

## Target Details

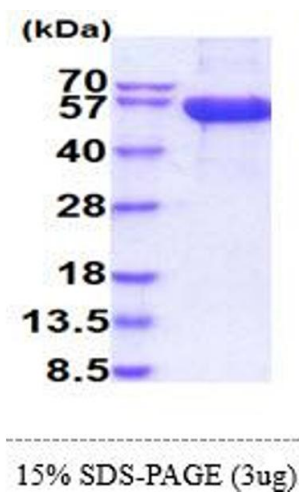
Target:	CD161 (KLRB1)
Alternative Name:	KLRB1 ( <a href="#">KLRB1 Products</a> )
Background:	<p>KLRB1, also known as killer cell lectin-like receptor subfamily B member 1, is classified as a type II membrane protein because it has an external C terminus. It is expressed by NK cells and may be involved in the regulation of NK cell function. It plays a novel and important role in B cell maturation within the GC in humans. It is expressed by lymphocytes found in human gut and liver, as well as blood, especially natural killer (NK) cells, T helper 17 (Th17) cells, and a population of unconventional T cells known as mucosal-associated invariant T (MAIT) cells. It is also expressed, at intermediate levels, on a prominent subset of polyclonal CD8+ T cells, including antiviral populations that display a memory phenotype. Recombinant human KLRB1, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	45.7kDa (401aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_002249</a>
UniProt:	<a href="#">Q12918</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.