

Datasheet for ABIN7275336

KLRC2 Protein (AA 98-231) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	KLRC2
Protein Characteristics:	AA 98-231
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLRC2 protein is labelled with Fc Tag.

Product Details

Purpose:	Human NKG2C/CD159c Protein
Sequence:	Glu98-Leu231
Characteristics:	Recombinant Human NKG2C/CD159c Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Glu98-Leu231.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	KLRC2
Alternative Name:	NKG2C (KLRC2 Products)

Target Details

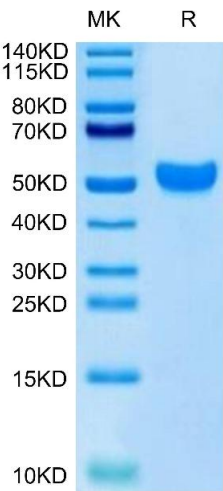
Background:	As a first line of defense, natural killer (NK) cells play a crucial role in the fight against infections. The presented study is the first of its kind that ascribes CD56dimCD16 NKG2C-expressing NK cells a crucial role in biasing adaptive immune responses upon influenza vaccination and suggests NKG2C as a potential biomarker in predicting pandemic influenza vaccine responsiveness.
Molecular Weight:	42.07 kDa. Due to glycosylation, the protein migrates to 48-58 kDa based on Tris-Bis PAGE result.
UniProt:	P26717

Application Details

Restrictions:	For Research Use only
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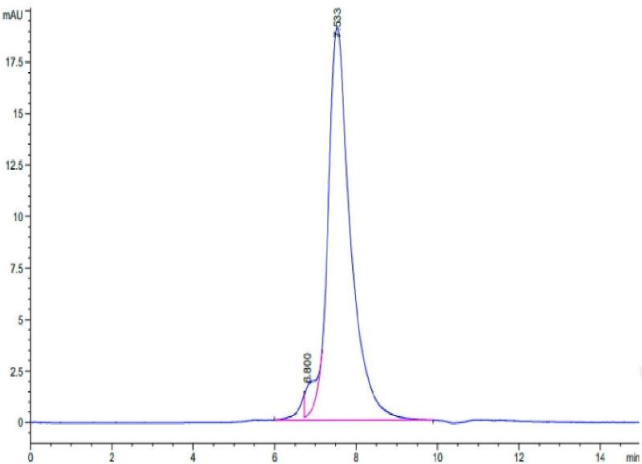
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human NKG2C on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human NKG2C is greater than 95 % as determined by SEC-HPLC.