

KLRC1 recombinant protein

Human KLRC1 Protein, hFc Tag

CATALOG #
AAA47374

HOST
HEK293 cells

PRODUCT SYNONYMS

KLRC1; Human KLRC1 Protein; hFc Tag; CD159A; NKG2; NKG2A; KLRC1 recombinant protein

PRODUCT SPECIFICATIONS

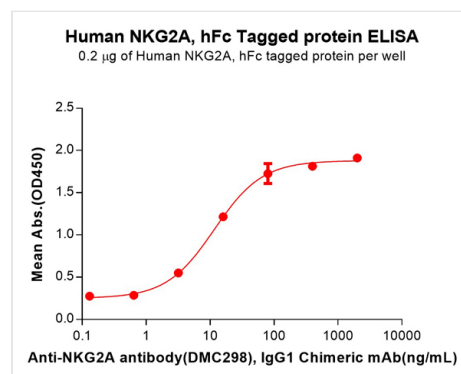
Host	HEK293 cells
Purity/Purification	Affinity purification
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization.
Sequence	hFc(Glu99- Ala330)+KL RC1(Pro94- Leu233)
Origin	Human
Reconstitution	Reconstitute with deionized water
Tag	N-Human Fc
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



SDS-PAGE

Figure 1. Human NKG2A Protein, hFc Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human NKG2A Protein, hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for KLRC1 recombinant protein

Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. The protein encoded by this gene belongs to the killer cell lectin-like receptor family, also called NKG2 family, which is a group of transmembrane proteins preferentially expressed in NK cells. This family of proteins is characterized by the type II membrane orientation and the presence of a C-type lectin domain. This protein forms a complex with another family member, KLRD1/CD94, and has been implicated in the recognition of the MHC class I HLA-E molecules in NK cells. The genes of NKG2 family members form a killer cell lectin-like receptor gene cluster on chromosome 12. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504881
NCBI GeneID	3821
NCBI Accession #	NP_002250.1
NCBI GenBank Nucleotide #	NM_002259.4
UniProt Accession #	P26715
Molecular Weight	26,314 Da
NCBI Official Full Name	NKG2-A/NKG2-B type II integral membrane protein isoform NKG2-A
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily C, member 1
NCBI Official Symbol	KLRC1
NCBI Official Synonym Symbols	NKG2; NKG2A; CD159A
NCBI Protein Information	NKG2-A/NKG2-B type II integral membrane protein; NK cell receptor A; C-lectin type II protein; natural killer cell lectin; natural killer group protein 2; NKG2-1/B activating NK receptor; NKG2-A/B-activating NK receptor; CD159 antigen-like family member A
UniProt Protein Name	NKG2-A/NKG2-B type II integral membrane protein
UniProt Gene Name	KLRC1
UniProt Synonym Gene Names	NKG2A
UniProt Entry Name	NKG2A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/klrc1-recombinant-protein-hek293-cells/47374>