

Recombinant human NKG2A/KLRC1 protein

Catalog Number: ATGP3608

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

94-233aa

UniProt No.

P26715

NCBI Accession No.

NP_998823

Alternative Names

NKG2-B, NKG2-A/NKG2-B type II integral membrane protein isoform NKG2-A, NKG2-A/B-activating NK receptor, NKG2-A, NK cell receptor A, Killer cell lectin-like receptor subfamily C member 1, Killer cell lectin like receptor C1, CD159a, CD159 antigen-like family member A

PRODUCT SPECIFICATION

Molecular Weight

17.1 kDa (149aa)

Concentration

0.25mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

KLRC1, also known as NKG2-A/NKG2-B type II integral membrane protein isoform NKG2-A, is a member of the killer cell lectin-like receptor family. It associates with CD94 and is expressed on NK cells and some activated T

Recombinant human NKG2A/KLRC1 protein

Catalog Number: ATGP3608

cell populations. This protein functions as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. Recombinant human KLRC1 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

ADPPSTLIQR HNNSSLNTRT QKARHCGHCP EEWITYNSNC YYIGKERRTW EESLLACTSK NSSLLSIDNE EEMKFLSIIS
PSSWIGVFRN SSHHPWVTMN GLAFKHEIKD SDNAELNCAV LQVNRLKSAQ CGSSIYHCK HKLHHHHHHH

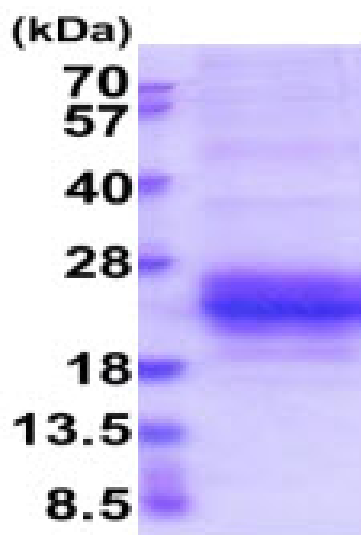
General References

Harrison RJ., et al, (2010) Clin Exp Immunol. 161:306-314.

Rapaport AS., et al, (2015) Immunity. 43:1112-1124

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)