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

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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

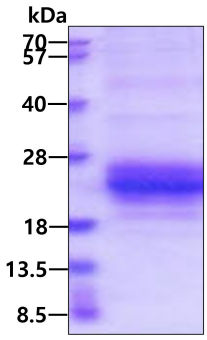
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General References

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.