

# Recombinant human NKG2E/KLRC3 protein

Catalog Number: ATGP1738

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

94-240aa

### UniProt No.

Q07444

### NCBI Accession No.

NP\_002252

### Alternative Names

Killer cell lectin like receptor C3, NKG2-E type II integral membrane protein, NK cell receptor E, NKG2-E-activating NK receptor, Killer cell lectin-like receptor subfamily C member 3, NKG2-E

## PRODUCT SPECIFICATION

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### Molecular Weight

19 kDa (171aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M NaCl, 10% glycerol

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### 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

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### Description

KLRC3 is a member of the NKG2 group which are expressed primarily in natural killer (NK) cells and encodes a family of transmembrane proteins characterized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The NKG2 gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed on NK cells. Recombinant human KLRC3 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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## Amino acid Sequence

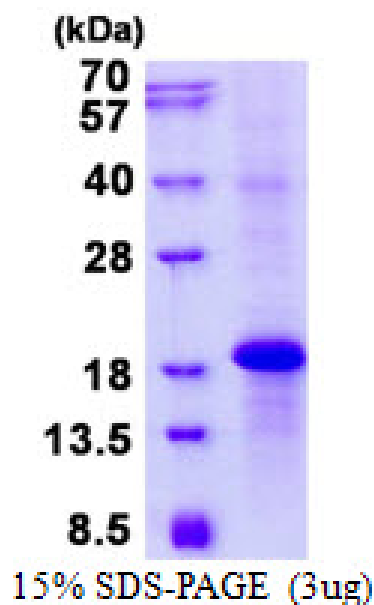
MGSSHHHHHHH SSGLVPRGSH MGSMIPFLEQ NNSSPNTRTQ KARPCGHCPE EWITYSNSCY YIGKERRTWE ESLQACASKN  
SSLLSIDNE EEMKFLASIL PSSWIGVFRN SSHHPWVTIN GLAFKHEIKD SDHAERNCAM LHVRGLISDQ CGSSRIIRRG  
FIMLTRLVLN S

## General References

Plougastel B, et al. (1998). Genomics. 15  
49(2):193-9.  
Shum BP., et al. (2002). J Immunol. 1  
168(1):240-52.

## DATA

### SDS-PAGE



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