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## Recombinant human NKG2E/KLRC3 protein

Catalog Number: ATGP1738

#### PRODUCT INFORMATION

## **Expression system**

E.coli

#### **Domain**

94-240aa

#### **UniProt No.**

007444

#### **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**

## **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**

### **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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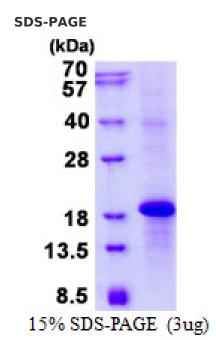
## **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSMIPFLEQ NNSSPNTRTQ KARPCGHCPE EWITYSNSCY YIGKERRTWE ESLQACASKN SSSLLSIDNE 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**



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

