

Recombinant human NKG2E/KLRC3 protein

Catalog Number: ATGP1738

PRODUCT INFORMATION

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

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
SSLLSIDNE EEMKFLASIL PSSWIGVFRN SSHHPWVTIN GLAFKHEIKD SDHAERNCAM LHVRLISDQ CGSSRIIRRG
FIMLTRVLN 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.

