

Recombinant Human Killer Cell Lectin-Like Receptor Subfamily C, Member 3, His-tagged

Cat. No. KLRC3-7170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KLRC3 protein, fused to His-tag at N-terminus, was expressed in E. coli. MW: 19 kDa.
Species	Human
Source	E.coli
ProteinLength	94-240aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M NaCl, 10% glycerol.
Molecular Mass	19 kDa (171aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMIPFLEQ NNSSPNTRTQ KARPCGHCPE EWITYSNSCY YIGKERRTWE ESLQACASKN SSSLLSIDNE EEMKFLASIL PSSWIGVFRN SSHHPWVTIN GLAFKHEIKD SDHAERNCAM LHVRGLISDQ CGSSRIIRRG FIMLTRVLN S

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	KLRC3 killer cell lectin-like receptor subfamily C, member 3 [Homo sapiens]
Official Symbol	KLRC3
Synonyms	KLRC3; killer cell lectin-like receptor subfamily C, member 3; NKG2-E type II integral membrane protein; NKG2 E; NK cell receptor E; NKG2-E-activating NK receptor; NKG2E; NKG2-E;
Gene ID	3823
mRNA Refseq	NM_002261
Protein Refseq	NP_002252
MIM	602892
UniProt ID	Q07444
Chromosome Location	12p13

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Pathway	Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;
Function	binding; receptor activity; sugar binding; transmembrane signaling receptor activity;

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