

Recombinant Human KLRC3 Protein, GST-tagged

Cat. No. KLRC3-4913H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KLRC3 partial ORF (NP_002252, 132 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. NK cells preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. 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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
Molecular Mass	37.73 kDa
AA Sequence	GKERRTWEESLQACASKNSSSLLSIDNEEEMKFLASILPSSWIGVFRNSSHHPWVTI NGLAFKHEIKDSDHAERNCAMLHVRLISDQCGSSRIIRRGFIMLTRVLNS
Applications	Enzyme-linked Immunoabsorbent Assay

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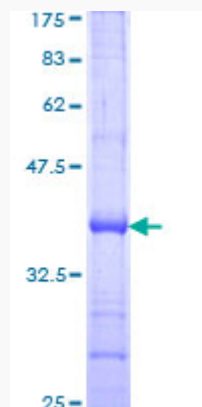
	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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