

Recombinant Full Length Human KLRC4 Protein, GST-tagged

Cat. No. KLRC4-5907HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KLRC4 full-length ORF (AAH17784, 1 a.a. - 158 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	158 amino acids
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. KLRC4 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. The 3' end of the KLRC4 transcript includes the first non-coding exon found at the 5' end of the adjacent D12S2489E gene transcript. [provided by RefSeq]
Molecular Mass	43.12 kDa
AA Sequence	MNKQRGTYSEVSLAQDPKRQQRKLKGNKISISGTKQEIFQVELNLQNASSDHQGND KTYHCKGLLPPPEKLTAEVLGIICIVLMATVLKTIVLIPCIGVLEQNNFSLNRRMQKARH

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CGHCPEEWITYSNSCYIIGKERRTWEERVVCWPVLRRTLICFL

Applications

Enzyme-linked Immunoabsorbent Assay
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

[KLRC4 killer cell lectin-like receptor subfamily C, member 4 \[Homo sapiens \]](#)

Official Symbol

[KLRC4](#)

Synonyms

KLRC4; killer cell lectin-like receptor subfamily C, member 4; NKG2-F type II integral membrane protein; NKG2 F; NK cell receptor F; natual killer cell group 2-F; NKG2-F-activating NK receptor; NKG2F; NKG2-F; FLJ17759; FLJ78582;

Gene ID

[8302](#)

mRNA Refseq

[NM_013431](#)

Protein Refseq

[NP_038459](#)

MIM

[602893](#)

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UniProt ID

O43908

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