

KLRC2, human recombinant protein
NKG2-C type II integral membrane protein, CD159c, NKG2-C, NKG2C
Catalog # PBV10977r**Specification**

KLRC2, human recombinant protein - Product info

Primary Accession	P26717
Concentration	0.5
Calculated MW	18.4 kDa (162 aa, 94-231 aa + His Tag), confirmed by MALDI-TOF. KDa

KLRC2, human recombinant protein - Additional Info

Gene ID	3822
Gene Symbol	KLRC2
Other Names	
NKG2-C type II integral membrane protein, CD159c, NKG2-C, NKG2C	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥85%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSM IPFLEQ NNFSPNTRTQ KARHCGHCPE EWITYSNSCY YIGKERRTWE ESSLACTSKN SSLLSIDNEE EMKFLASILP SSWIGVFRNS SHHPWVTING LAFKHKIKDS DNAELNCAVL QVNRLKSAQC GSSMIYHCKH KL

Target/Specificity
KLRC2**Format**
Liquid**Storage**
-80°C; 0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M Urea and 10% glycerol.**KLRC2, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

KLRC2, human recombinant protein - Images**KLRC2, human recombinant protein - Background**

NKG2-C type II integral membrane protein, also known as KLRC2, plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. The group, designated KLRC (NKG2) 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 KLRC (NKG2) gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed on NK cells. KLRC2 alternative splice variants have been described but their full-length nature has not been determined. Recombinant human KLRC2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

KLRC2, human recombinant protein - References

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Glienke J.,et al.Immunogenetics 48:163-173(1998).
Shum B.P.,et al.J. Immunol. 168:240-252(2002).
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Scherer S.E.,et al.Nature 440:346-351(2006).