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32-4061: Recombinant Human Killer Cell Lectin-Like Receptor Subfamily C, Member 2

Alternative Name :	Killer cell lectin-like receptor subfamily C member 2,NKG2-C type II integral membrane protein,NKG2-C-activating NK receptor,CD159 antigen-like family member C,NK cell receptor C,NKG2C,CD159c.

Description

Source : E.coli. KLRC2 Human Recombinant produced in E. coli is a single polypeptide chain containing 183 amino acids (94-231) and having a molecular mass of 18.4 kDa.KLRC2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. KLRC2 has a part 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 mainly in natural killer (NK) cells and encodes a family of transmembrane proteins categorized by a type II membrane orientation (extracellular C terminus) and the presence of a C-type lectin domain. The KLRC (NKG2) gene family is situated inside the NK complex, a region which holds a few C-type lectin genes specially expressed on NK cells. KLRC2 alternative splice variants are known but their full-length nature is yet to be determined.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The KLRC2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 4M urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMIPFLEQ NNFSPNTRTQ KARHCGHCPE EWITYSNSCY YIGKERRTWE ESLLACTSKN SSLLSIDNEE EMKFLASILP SSWIGVFRNS SHHPWVTING LAFKHKIKDS DNAELNCAVL QVNRLKSAQC GSSMIYHCKH KL