

## KLRC3 Human

**Description:** KLRC3 Human Recombinant produced in E. coli is a single polypeptide chain containing 171 amino acids (94-240) and having a molecular mass of 19.0 kDa. KLRC3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-1237

**Synonyms:** Killer Cell Lectin-Like Receptor Subfamily C Member 3, NK Cell Receptor E, NKG2-E Type II Integral Membrane Protein, NKG2-E-Activating NK Receptor, NKG2E.

For research use only.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMIPFLEQ NNSSPNTRTQ  
KARPCGHCPE EWITYSNSCY YIGKERRTWE ESLQACASKN SSSLLSIDNE EEMKFLASIL  
PSSWIGVFRN SSHHPWVTIN GLAFKHEIKD SDHAERNCAM LHVRGLISDQ CGSSRIIRRG  
FIMLTRVLN S

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

The KLRC3 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M NaCl and 10% glycerol.

**Stability:**

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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

KLRC3 belongs to the NKG2 group that can be found mostly in natural killer (NK) cells and encodes a family of transmembrane proteins known for their C-type lectin domain and their type II membrane orientation (extracellular C terminus). The NKG2 gene family is situated inside the NK complex, a region which has quite a few C-type lectin genes mostly expressed on NK cells.

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