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KLRC3 Human

Catalog #:PRPS-1237

For research use only.

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.

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.

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 FIMLTRLVLN 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 drµgs, 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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