
Product Data Sheet

Product Name: KLRC3 Human
 Cat. No.: GP23760
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMIPFLEQ NNSSPNTRTQ KARPCGHCPE EWITYSNSCY YIGKERRTWE ESLQACASKN SSSLISIDNE EEMKFLASIL PSSWIGVFRN SSHHPWVTIN GLAFKHEIKD SDHAERNCAM LHVRGLISDQ CGSSRIIRRG FIMLTRLVLN S		
Formulation	The KLRC3 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M NaCl and 10% glycerol.		

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.

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.

Background

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

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Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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