

Product Information

MemDX™ Membrane Protein Human KLRC3 (Killer cell lectin like receptor C3) Full Length

Cat. No.: **MPC2340K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human KLRC3 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

KLRC3

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MSKQRGTFSEVSLAQDPKWQQRKPKGNKSSISGTEQEIFQVELNLQNASL
NHQGIDKIYDCQGLLPPEKLTAEVLGIICIVLMATVLKTIIVLIPFLEQN
NSSPNARTQKARHCGHCPEEWITYSNSCYIYGKERRTWEESLQACASKNS
SSLLCIDNEEEMKFLASILPSSWIGVFRNSSHPWVTINGLAFKHEIKDS
DHAERNCAMLHVRGLISDQCGSSRIIRRGFIMLTRVLNS

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

KLRC3

Full Name

Killer cell lectin like receptor C3

Introduction

Natural killer (NK) cells are lymphocytes that can mediate lysis of certain tumor cells and virus-infected cells without previous activation. They can also regulate specific humoral and cell-mediated immunity. NK cells preferentially express several calcium-dependent (C-type) lectins, which have been implicated in the regulation of NK cell function. KLRC3 is a member of the NKG2 group which 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 NKG2 gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed on NK cells. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

KLRC3; NKG2E; NKG2-E; NKG2-E type II integral membrane protein; NK cell receptor E; NKG2-E-activating NK receptor; killer cell lectin-like receptor subfamily C, member 3; Killer cell lectin like receptor C3

Gene ID

[3823](#)

UniProt ID

[Q07444](#)