

KLRC2, 94-231aa, Human, His tag, E.coli

Cat.NO.: TP02755

3th Edition

Synonyms:NKG2-C type II integral membrane protein, CD159c, NKG2-C, NKG2C.

Description:NKG2-C type II integral membrane protein, also known as KLRC2, plays a role 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 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 KLRC (NKG2) gene family is located within the NK complex, a region that contains several C-type lectin genes preferentially expressed on NK cells.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight:18.4 kDa (162aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMIPFLEQNNFSPNTRTQKARHCGHCPEEWITYSNSCYIGKERRTWEESLL
ACTSKNSSLLSIDNEEEMKFLASILPSSWIGVFRNSSHHPWVTINGLAFKHKIKSDNAELNCAVLQVNRKSAQCG
SSMIYHCKHKL

Purity:> 95% by HPLC

Concentration:0.5 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.