



KLRK1, 73-216 aa, Human, His tag, E.coli

Cat.NO.: TP02758

3th Edition

Synonyms:NKG2-D type II integral membrane protein, CD314, D12S2489E, KLR, NKG2-D, NKG2D

Description:KLRK1 is an activating receptor that has recently generated considerable interest. The most intriguing of these are a pair of closely related proteins called MICA and MICB. These are cell-surface molecules distantly related to MHC class I proteins, and the genes possess elements of heat shock promoters. MICA and MICB, therefore, are expressed during cell stress and are up-regulated in tumor cells and during viral infections.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:19.2 kDa(168aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMIWSAVFLNSLFNQEVQIPLTESYCGPCPKNWICYKNNCYQFFDESKNWYE
SQASCMSQNASLLKVYSKEDQDLLKLVKSYHWMGLVHIPTNGSWQWEDGSILSPNLLTIEMQKGDICALYASSFKG
YIENCSTPNTYICMQRTV

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.