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32-13284: KLRK1 Human, Sf9

Alternative Name :	Killer Cell Lectin Like Receptor K1, Killer Cell Lectin-Like Receptor Subfamily K, Member 1, NKG2-D-Activating NK Receptor, NK Cell Receptor D, D12S2489E, NKG2D, DNA Segment On Chromosome 12 (Unique) 2489 Expressed Sequence, Killer Cell Lectin-Like Receptor Subfamily K Member 1, NKG2-D Type II Integral Membrane Protein, CD314 Antigen, NKG2-D, CD314, KLR.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Killer Cell lectin-Like Receptor Subfamily K, Member 1 (KLRK1) is an activating receptor which has recently generated considerable interest. The most fascinating of these, are a couple of closely related proteins known as MICA and MICB. These are cell-surface molecules distantly related to MHC class I proteins, and their genes have elements of heat shock promoters. Thus, MICA and MICB are expressed in the course of cell stress and are up-regulated in tumor cells and during viral infections. This receptor-ligand combination has a crucial role in the immune response to various pathologies.
KLRK1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 386 amino acids (73-216a.a.) and having a molecular mass of 43.9kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). KLRK1 is expressed with a 242 amino acids hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	KLRK1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADPIWSAVFL NSLFNQEVQI PLTESYCGPC PKNWICYKNN CYQFFDESKN WYESQASCMS QNASLLKVYS KEDQDLLKLV KSYHWMGLVH IPTNGSWQWE DGSILSPNLL TIIEMQKGDC ALYASSFKGY IENCSTPNTY ICMQRTVVEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC LVKGFYPSDI AVEWESNGQP ENNYKTTPPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT QKSLSLSPGK HHHHHH.

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