9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4064: Recombinant Human Killer Cell lectin-Like Receptor Subfamily K, Member 1

Alternative Name : CD314,D12S2489E,KLR,NKG2-D,NKG2D,Killer cell lectin-like receptor subfamily K member 1,NK cell receptor D,NKG2-D-activating NK receptor,CD314.

Description

Source : Escherichia Coli. KLRK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 168 amino acids (73-216 a.a.) and having a molecular mass of 19.2kDa. KLRK1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	KLRK1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.
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 :	MGSSHHHHHH SSGLVPRGSH MGSMIWSAVF LNSLFNQEVQ IPLTESYCGP CPKNWICYKN NCYQFFDESK NWYESQASCM SQNASLLKVY SKEDQDLLKL VKSYHWMGLV HIPTNGSWQW EDGSILSPNL LTIIEMQKGD CALYASSFKG YIENCSTPNT YICMQRTV.