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

32-13283: KLRD1 Human

Alternative Name :	Killer Cell Lectin Like Receptor D1, Killer Cell Lectin-Like Receptor Subfamily D, Member 1,Â NK Cell Receptor, CD94 Antigen, CD94, KP43, Killer Cell Lectin-Like Receptor Subfamily D Member 1, Natural Killer Cells Antigen CD94,Â KLRD1.Â Â Â

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
KLRD1, also known as Killer Cell Lectin Like Receptor D1, is expressed on the surface of natural killer cells in the innate immune system. KLRD1 functions as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. KLRD1 can create disulfide-bonded heterodimer with NKG2 family members. CD94 & NKG2 complex interacts with (HLA)-E, Human Leukocyte Antigen on target cells on the surface of natural killer cells.
KLRD1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (32-179 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 157 amino acids and having a molecular mass of 18.2kDa.KLRD1 shows multiple bands between 18-28kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	KLRD1 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) 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 :	ADPKNSFTKL SIEPAFTPGP NIELQKDSDC CSCQEKWVGY RCNCYFISSE QKTWNESRHL CASQKSSLLQ LQNTDELDFM SSSQQFYWIG LSYSEEHTAW LWENGSALSQ YLFPSFETFN TKNCIAYNPN GNALDESCED KNRYICKQQL IHHHHHH