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

32-13281: KLRB1 Human, Sf9

Alternative Name :	Killer Cell Lectin Like Receptor B1, Natural Killer Cell Surface Protein P1A, Killer Cell Lectin-Like Receptor Subfamily B, Member 1, C-Type Lectin Domain Family 5 Member B, HNKR-P1A, NKR-P1A, CLEC5B, NKRP1A, Killer Cell Lectin-Like Receptor Subfamily B Member 1, CD161 Antigen, NKR-P1, CD161, NKR.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
KLRB1 has an inhibitory role on natural killer (NK) cells cytotoxicity which are lymphocytes who facilitate cytotoxicity and secrete cytokines subsequent to immune stimulation. Some genes of the C-type lectin superfamily, like the rodent NKRP1 family of glycoproteins, are expressed by NK cells and take part in NK cell function regulation. KLRB1 holds an extracellular domain with a few characteristic motifs of C-type lectins, a transmembrane domain, and a cytoplasmic domain. Due to its external C terminus KLRB1 is considered to be a type II membrane protein.
KLRB1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 401 amino acids (67-225a.a.) and having a molecular mass of 45.7kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).KLRB1 is expressed with a 242 amino acid hIgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	KLRB1 protein solution (0.25mg/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 :	ADPQKSSIEK CSVDIQQSRN KTTERPGLLN CPIYWQQLRE KCLLFSHTVN PWNNSLADCS TKESSLLLIR DKDELIHTQN LIRDKAILFW IGLNFSLSEK NWKWINGSFL NSNDLEIRGD AKENSCISIS QTSVYSEYCS TEIRWICQKE LTPVRNKVYP DSLEPKSCDK THTCPPCPAPÂ ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLP PSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTVÂ DKSRWQQGNV FSCSVMHEAL HNHYTQKSLS LSPGKHHHHH H.

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