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32-13777: KLRF1 Human

Format :	The KLRF1 solution (0.25mg/1ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.
Alternative Name :	NKp80, KLRF1, C-type lectin domain family 5 member C, CLEC5C, ML, Killer cell lectin-like receptor F1, Killer cell lectin-like receptor subfamily F member 1,Killer cell lectin-like receptor subfamily F member 1 isoform 1, Lectin-like receptor F1, Activating coreceptor NKp80, CLEC5CMGC119908, MGC119907, MGC119909.

Description

Source:HEK293 Cells.
Physical Appearance:Sterile filtered colorless solution.
Biological ActivityMeasured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When cells are added to human KLRF1 coated plates 2 ug/ml. This effect is more to 60%.
Killer cell lectin-like receptor subfamily F member 1, aka KLRF1, is a member of the C-type lectin family. KLRF1, an activating homodimeric C-type lectin-like receptor (CTLR), is expressed on nearly all natural killer (NK) cells and stimulates their cytoxicity and cytokine release. Killer cell lectin-like receptor subfamily F member 1 works through interaction with its ligand, AICL (activation-induced C-type lectin), which is selectively expressed on myeloid cells. AICL interaction regulates the immune responses at sites of inflammation by stimulating the release of proinflammatory cytokines. Diseases associated with KLRF1 include Developmental And Epileptic Encephalopathy 76.
KLRF1 Human Recombinant produced in HEK293 Cells is a single, glycosylated polypeptide chain containing 414 amino acids (60-231a.a) and having a molecular mass of 47.1kDa.KLRF1 is fused to a 242 amino acid hIgG-His-Tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg / 2 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
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 :	DGSLLVSQGV LLKCQKGSCS NATQYEDTGD LKVNNGTRRN ISNKDLCASR SADQTVLCQS EWLKYQGKCY WFSNEMKSWS DSYVYCLERK SHLLIIHDQL EMAFIQKNLR QLNYVWIGLN FTSLKMTWTW VDGSPIDSKI FFIKGPAKEN SCAAIKESKI FSETCSSVFK WICQYLEPKS CDRTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSRDELT KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTPPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HHHH