

## 32-4060: Recombinant Human Killer Cell Lectin-Like Receptor Subfamily B, Member 1

**Alternative Name** Killer cell lectin-like receptor subfamily B member 1, Natural killer cell surface protein P1A, C-type lectin domain family 5 member B, CD161 antigen, HNKR-P1a, CLEC5B, NKR, NKR-P1.

### Description

Source : E.coli. KLRB1 Human Recombinant produced in E. coli is a single polypeptide chain containing 183 amino acids (67-225) and having a molecular mass of 21.0 kDa. KLRB1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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 NKR1 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.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 85% as determined by SDS-PAGE.
<b>Content :</b>	The KLRB1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 4M urea and 10% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SGLVPRGSH MGSMQKSSIE KCSVDIQQSR NKTTTERPGLL NCPYIWQQLR EKCLLFSHTV NPWNNSLADC STKESLLLI RDKDELIHTQ NLIRDKAILF WIGLNFLSE KNWKWINGSF LNSNDLEIRG DAKENSCISI SQTSVYSEYC STEIRWICQK ELTPVRNKVY PDS

