

Recombinant Human KLRB1 protein, His-tagged

Cat. No. KLRB1-3698H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLRB1 protein(68-225 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	68-225 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	KSSIEKCSVDIQSRNKTTTERPGLLNCPYIWQQLREKCLLFSHTVNPWNNSLADCST KESSLLLRDKDELHTQNLIRDKAILFWIGLNFSLSEKNWKWINGSFLNSNDLEIRGD AKENSCISISQTSVYSEYCSSTEIRWICQKELTPVRNKVYPDS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	KLRB1 killer cell lectin-like receptor subfamily B, member 1 [Homo sapiens]
Official Symbol	KLRB1
Synonyms	KLRB1; killer cell lectin-like receptor subfamily B, member 1; NKR; killer cell lectin-like receptor subfamily B member 1; CD161; CLEC5B; hNKR P1A; NKR P1; NKR P1A; C-type lectin domain family 5 member B; natural killer cell surface protein P1A; NKR-P1; NKRP1A; NKR-P1A; hNKR-P1A; MGC138614;
Gene ID	3820
mRNA Refseq	NM_002258
Protein Refseq	NP_002249
MIM	602890
UniProt ID	Q12918

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