

# Recombinant Rat Klrb1 Protein, His-tagged

**Cat. No.** Klrb1-1072R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Klrb1 Protein (Gln64-Val214) with His tag was expressed in E. coli.                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Gln64-Val214                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Predicted to enable signaling receptor activity. Predicted to be integral component of membrane. Orthologous to several human genes including KLRB1 (killer cell lectin like receptor B1).                                                                                                                                                   |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 20.9 kDa; Accurate Molecular Mass: 20 kDa                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                   |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| <b>Storage Buffer</b> | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                      |
| <b>Reconstitution</b> | Reconstitute in PBS or others.                                                                                               |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Klrbl killer cell lectin like receptor B1 [ Rattus norvegicus (Norway rat) ]                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Official Symbol</b> | Klrbl                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>        | Klrbl; killer cell lectin like receptor B1; Klrbl6; Klrbl1d; Klrbl1f; Klrbl1g; NKR-P1G; Nkrp1e; Nkrp-1e; killer cell lectin-like receptor subfamily B member 1; immunoreceptor NKR-P1E; killer cell lectin-like receptor subfamily B member 1F; killer cell lectin-like receptor subfamily B member 1G; natural killer cell surface protein NKR-P1G; natural killer lectin-like receptor 1E; natural killer lectin-like receptor protein 1 e |
| <b>Gene ID</b>         | 689817                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>     | NM_001085405                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_001078874                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>      | Q0ZUP0                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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