

## Recombinant Rat Il1b protein(Met1-Ser268), His-tagged

Cat. No. Il1b-384R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat IL1B (Q63264-1) (Met 1-Ser 268) was expressed in E. coli fused with a polyhistidine tag at the N-terminus.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ser268
<b>Form</b>	Lyophilized from sterile 50mM Tris, 500mM NaCl, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant Rat IL1B comprises 279 amino acids and predicts a molecular mass of 32.1 kDa. The apparent molecular mass of the Rat IL1B is approximately 35 kDa in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

<b>Gene Name</b>	Il1b interleukin 1 beta [ Rattus norvegicus ]
<b>Official Symbol</b>	Il1b
<b>Synonyms</b>	IL1B; interleukin 1 beta; interleukin-1 beta; IL-1 beta;
<b>Gene ID</b>	24494
<b>mRNA Refseq</b>	NM_031512
<b>Protein Refseq</b>	NP_113700

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