

Recombinant Rat IL1B, His tagged

Cat. No. IL1B-577R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL1B (Q63264-1) mature form (Val 117-Ser 268), fused with no tag, was produced in E. coli.
Species	Rat
Source	E.coli
ProteinLength	117-268 a.a.
Form	Lyophilized from sterile 40mM Tris, 0.15 M NaCl, pH 7.8
Molecular Mass	The mature form of recombinant rat IL1B comprises 153 amino acids and predicts a molecular mass of 17.4 kDa. The apparent molecular mass of the protein is approximately 35 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	Il1b interleukin 1 beta [Rattus norvegicus]
Official Symbol	IL1B
Gene ID	24494
mRNA Refseq	NM_031512
Protein Refseq	NP_113700

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