

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

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

SPECIFICATION

Product Overview	Recombinant Rat IL1B (Q63264-1) (Met 1-Ser 268) was expressed in E. coli fused with a polyhistidine tag at the N-terminus.
Species	Rat
Source	E.coli
ProteinLength	Met1-Ser268
Form	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.
Molecular Mass	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.
Purity	> 90 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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

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

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