

Recombinant Human FULL Length IRAK4 protein(Met1-Ser336), His-tagged

Cat. No. IRAK4-1107H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IRAK4 (Q9NWZ3-2) (Met1-Ser336) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-336 aa
Form	Lyophilized from sterile 20mM PB, 300mM NaCl, 10%glycerol, 0.5mM TCEP, pH7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human IRAK4 consists of 355 amino acids and predicts a molecular mass of 40.01 kDa. It migrates as an approximately 42.82 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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.

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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.

GENE INFORMATION

Gene Name	IRAK4 interleukin-1 receptor-associated kinase 4 [Homo sapiens]
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Official Symbol	IRAK4
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Synonyms	IRAK4; interleukin-1 receptor-associated kinase 4; NY REN 64; renal carcinoma antigen NY-REN-64; IPD1; REN64; IRAK-4; NY-REN-64;
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Gene ID	51135
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mRNA Refseq	NM_001114182
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Protein Refseq	NP_001107654
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MIM	606883
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UniProt ID	Q9NWZ3
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