

Active Recombinant FULL Length Human IRAK4 protein, His-tagged

Cat. No. IRAK4-46H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant FULL Length Human IRAK4 protein(Q9NWZ3-1) (Met 1-Ser 460) was expressed in Insect Cells with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-460 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 0.5mM PMSF, pH 7.4.
Bio-activity	The specific activity was determined to be 169 nmol/min/mg using MBP as substrate.
Molecular Mass	The recombinant human IRAK4 consists of 478 amino acids and predicts a molecular mass of 53.8 kDa. It migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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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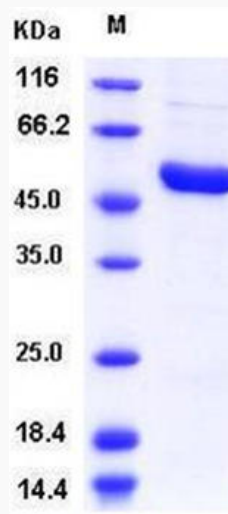
UniProt ID	Q9NWZ3
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SDS-PAGE



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