

Recombinant Human STAT4 protein, His-tagged

Cat. No. STAT4-7038H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAT4 protein(Q14765) (Met 1-Glu 748) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-748 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 20% gly, 0.5mM DTT.
Molecular Mass	The recombinant human STAT4 consists of 767 amino acids and predicts a molecular mass of 88 kDa. It migrates as an approximately 70 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % 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.
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 STAT4 signal transducer and activator of transcription 4 [Homo sapiens]

Official Symbol [STAT4](#)

Synonyms STAT4; signal transducer and activator of transcription 4;

Gene ID [6775](#)

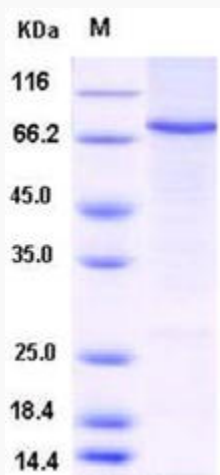
mRNA Refseq [NM_001243835](#)

Protein Refseq [NP_001230764](#)

MIM [600558](#)

UniProt ID [Q14765](#)

SDS-PAGE



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