

Recombinant Human STAT4 protein(Met1-Glu748), His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human STAT4 (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 a.a.
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 20% glycerol, 0.5mM DTT. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 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

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