

Recombinant Human STAT1 protein, His&GST-tagged

Cat. No. STAT1-7037H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAT1 protein(P42224-2) (Met 1-Val 712) was expressed in Insect Cells, fused with the N-terminal His tag and GST tag.
Species	Human
Source	Insect Cells
ProteinLength	1-712 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4.
Molecular Mass	The recombinant human STAT1/GST chimera consists of 950 amino acids and has a calculated molecular mass of 111 kDa. It migrates as an approximately 105 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.
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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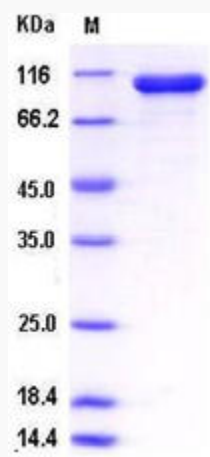
GENE INFORMATION

Gene Name	STAT1 signal transducer and activator of transcription 1, 91kDa [Homo sapiens]
Official Symbol	STAT1
Synonyms	STAT1; signal transducer and activator of transcription 1, 91kDa; signal transducer and activator of transcription 1, 91kD; signal transducer and activator of transcription 1-alpha/beta; ISGF 3; STAT91; transcription factor ISGF 3 components p91/p84; transcription factor ISGF-3 components p91/p84; signal transducer and activator of transcription-1; CANDF7; ISGF-3; DKFZp686B04100;
Gene ID	6772
mRNA Refseq	NM_007315
Protein Refseq	NP_009330
MIM	600555
UniProt ID	P42224

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SDS-PAGE

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