

Recombinant Human STAT1 protein, GST-tagged

Cat. No. STAT1-2996H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAT1 protein(2-230 aa), fused with GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-230 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	SQWYELQQLDSEKFLQVHQLYDDSEPMIRQYLAQWLEKQDWEHAANDVSFATIR FHDLLSQLDDQYSRFSLENNFLLQHNIRKSKRNLQDNFQEDPIQMSMIYSLKEERK ILENAQRFNQAQSGNIQSTVMLDKQKELDSKVRNVKDKVMCIEHEIKSLEDLQDEYD FKCKTLQNHETNGVAKSDQKQEQLLLKKMYLMLDNKRKEVVHKIIELLNVTELTQ NA
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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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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