

Recombinant Human STAT5B, GST-tagged

Cat. No. STAT5B-2998H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAT5B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-351aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	STAT5B signal transducer and activator of transcription 5B [Homo sapiens]
Official Symbol	STAT5B
Synonyms	STAT5B; signal transducer and activator of transcription 5B; transcription factor STAT5B; STAT5;
Gene ID	6777

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mRNA Refseq	NM_012448
Protein Refseq	NP_036580
MIM	604260
UniProt ID	P51692
Chromosome Location	17q11.2
Pathway	Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adipogenesis, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; CXCR4-mediated signaling events, organ
Function	RNA polymerase II core promoter sequence-specific DNA binding; calcium ion binding; double-stranded DNA binding; glucocorticoid receptor binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;