Recombinant Human STAT5a, His-tagged

Cat. No. STAT5A-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding Human STAT5A (a.a.129-712) was fused with a His tag .
Species	Human
Source	E.coli
ProteinLength	129-712 a.a.
Form	20 mM Tris-HCl, 200 mM NaCl, pH7.4
Molecular Mass	~67kDa
AA Sequence	PAGILVDAMSQKHLQINQTFEELRLVTQDTENELKKLQQTQEYFIIQYQESLRIQAQF AQLAQLSPQERLSRETA LQQKQVSLEAWLQREAQTLQQYRVELAEKHQKTLQLLR KQQTIILDDELIQWKRRQQLAGNGGPPEGSLDVLQSW CEKLAEIIWQNRQQIRRAE HLCQQLPIPGPVEEMLAEVNATITDIISALVTSTFIIEKQPPQVLKTQTKFAATVR LLVG GKLNVHMNPPQVKATIISEQQAKSLLKNENTRNECSGEILNNCCVMEYHQATGTLSA HFRNMSLKRIKRAD RRGAESVTEEKFTVLFESQFSVGSNELVFQVKTLSLPVVVIVH GSQDHNATATVLWDNAFAEPGRVPFAVPDKVL WPQLCEALNMKFKAEVQSNRGL TKENLVFLAQKLFNNSSSHLEDYSGLSVSWSQFNRENLPGWNYTFWQWFDGVM E VLKKHHKPHWNDGAILGFVNKQQAHDLLINKPDGTFLLRFSDSEIGGITIAWKFDSPE RNLWNLKPFTTRDFSI RSLADRLGDLSYLIYVFPDRPKDEVFSKYYTPVLAKAVDGY VKPQIKQVVPEFVNASAD

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Purity	>92% as determined by SDS-PAGE
Storage	Short Term Storage +4°C. Long Term Storage -20°C. Prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	STAT5A signal transducer and activator of transcription 5A [Homo sapiens]
Official Symbol	STAT5A
Synonyms	STAT5A; signal transducer and activator of transcription 5A; STAT5; MGF;
Gene ID	6776
mRNA Refseq	NM_003152
Protein Refseq	NP_003143
MIM	601511
UniProt ID	P42229
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; CD40/CD40L signaling, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chronic myeloid leukemia, organism-specific biosystem;

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Function	RNA polymerase II core promoter sequence-specific DNA binding; calcium ion binding; double-stranded DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; signal transducer activity;

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