

Recombinant Human STAT3 Protein, His-tagged

Cat. No. STAT3-138H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAT3(29-382aa) fused with His tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	29-382 a.a.
Description	STAT3 is a member of the signal transducers and activators of transcription (STAT) family of proteins that carry out a dual function: signal transduction and activation of transcription. STAT3 is widely expressed and becomes activated through phosphorylation on tyrosine as a DNA binding protein in response to a variety of stimuli such as EGF, IL-6, PDGF, IL-2 and G-CSF. This phosphoprotein forms homodimers as well as heterodimers with other members of the STAT family and translocate to the nucleus in order to modulate the transcription of various genes.
Molecular Mass	95kDa
Purity	> 85 %
Applications	Kinase Assay, Western Blot
Stability	1 year at -70 centigrade from the date of shipment.

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Storage Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.1 ug/ul

GENE INFORMATION

Gene Name STAT3 signal transducer and activator of transcription 3 (acute-phase response factor) [Homo sapiens]

Official Symbol STAT3

Synonyms STAT3; signal transducer and activator of transcription 3 (acute-phase response factor); signal transducer and activator of transcription 3; APRF; DNA-binding protein APRF; acute-phase response factor; HIES; FLJ20882; MGC16063;

Gene ID 6774

mRNA Refseq NM_003150

Protein Refseq NP_003141

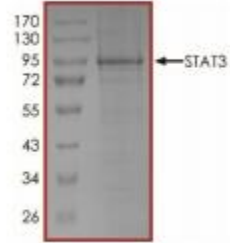
MIM 102582

UniProt ID P40763

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