

Recombinant Human STAT4 protein, His/MBP-tagged

Cat. No. STAT4-338H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAT4(1-243 aa) fused with His/MBP tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-243 aa
Description	The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. Mutations in this gene may be associated with systemic lupus erythematosus and rheumatoid arthritis. Alternate splicing results in multiple transcript variants that encode the same protein.
Form	Liquid in PBS
Purity	SDS-PAGE >90%
Applications	WB Positive Control
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name STAT4 signal transducer and activator of transcription 4 [Homo sapiens]

Official Symbol STAT4

Synonyms STAT4; signal transducer and activator of transcription 4;

Gene ID 6775

mRNA Refseq NM_001243835

Protein Refseq NP_001230764

MIM 600558

UniProt ID Q14765

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