

Recombinant Human STAT1

Catalog No: #GP10069



Package Size: #GP10069-1 100ug

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Description

Product Name	Recombinant Human STAT1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 3-230 amino acids of human Signal transducer and activator of transcription 1-alpha/beta
Target Name	Signal transducer and activator of transcription 1-alpha/beta
Other Names	ISGF-3, STAT91
Accession No.	Swissprot:P42224Gene Accession:BC002704
Uniprot	P42224
GenID	6772;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a member of the STAT protein family. 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 can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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