antibodies -online.com





Datasheet for ABIN7198031 **STAT6 Protein (His tag)**

Go to Product page

\sim			
	N/F	ا/\r14	iew/

Quantity:	100 μg
Target:	STAT6
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAT6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human STAT6 Protein (Baculovirus, His Tag)
Sequence:	Met 1-Trp 847
Characteristics:	A DNA sequence encoding the human STAT6 isoform 1 (P42226-1) (Met 1-Trp 847) was fused with a polyhistidine tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	STAT6
Alternative Name:	STAT6 (STAT6 Products)
Background:	Background: Signal transducer and activator of transcription 6 (STAT6) is a transcription factor
	that is activated by interleukin-4 (IL-4)-induced tyrosine phosphorylation and mediates most of
	the IL-4-induced gene expression. STAT6 plays a central role in exerting interleukin-4 (IL-4)

mediated biological responses and is found to induce the expression of BCL2L1/BCL-XL, which is responsible for the anti-apoptotic activity of IL4. Transcriptional activation by STAT6 requires the interaction with coactivators like p300 and the CREB-binding protein (CBP). NF-?B and tyrosine-phosphorylated Stat6 can directly bind each other in vitro and in vivo, which suggest that the direct interaction between Stat6 and NF-?B may provide a basis for synergistic activation of transcription by IL-4 and activators of NF-?B.

Synonym: Signal Transducer and Activator of Transcription 6; IL-4 Stat; STAT6;IL-4-STAT;STAT6B;STAT6C

Molecular Weight:

95.5 kDa

Pathways:

JAK-STAT Signaling, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 20 % glycerol, 0.3 mM DTT
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted
	samples are stable at < -20°C for 3 months.