



STAT1 (phospho Ser727) blocking peptide (CDBP2829)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	STAT1 peptide - phospho S727 (phospho and non - phospho pair)
Antigen Description	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. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Buffer	Lyophilized powder with trifluoroacetate salt.
Preservative	None

GENE INFORMATION

Gene Name	stat1 signal transducer and activator of transcription 1, 91kDa [Xenopus (Silurana) tropicalis]
Official Symbol	STAT1
Synonyms	STAT1; signal transducer and activator of transcription 1, 91kDa; XStat1; isgf-3; stat91; MGC147452;
Entrez Gene ID	780397
mRNA Refseq	NM_001079467

Pathway

Downstream signal transduction, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by PDGF, organism-specific biosystem;