

## STAT5b protein

<b>Catalog No :</b>	YD0109
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;SDS-PAGE
<b>Gene Name :</b>	STAT6
<b>Protein Name :</b>	STAT5b protein
<b>Sequence :</b>	Amino acid: 383-572, with his-MBP tag.
<b>Human Gene Id :</b>	6778
<b>Human Swiss Prot No :</b>	P42226
<b>Mouse Swiss Prot No :</b>	P52633
<b>Formulation :</b>	Liquid in PBS
<b>Concentration :</b>	SDS-PAGE >90%
<b>Storage Stability :</b>	-20 °C/6 month,-80 °C for long storage
<b>Background :</b>	function:Carries out a dual function: signal transduction and activation of transcription. Involved in interleukin-4 signalling.,PTM:Tyrosine phosphorylated following stimulation by IL-4 and IL-3.,similarity:Belongs to the transcription factor STAT family.,similarity:Contains 1 SH2 domain.,subcellular location:Translocated into the nucleus in response to phosphorylation.,subunit:Forms a homodimer or a heterodimer with a related family member (By similarity). Interacts with NCOA1 via its C-terminal LXXLL motif.,
<b>Function :</b>	regulation of DNA recombination, regulation of immunoglobulin production, negative regulation of immune system process, positive regulation of immune system process, regulation of leukocyte activation, positive regulation of leukocyte activation, regulation of immune effector process, regulation of production of molecular mediator of immune response, regulation of leukocyte mediated immunity, regulation of lymphocyte mediated immunity, regulation of B cell mediated immunity, regulation of adaptive immune response, negative

regulation of adaptive immune response,regulation of adaptive immune response based on somatic recombination of immune receptors built from immunoglobulin superfamily domains, negative regulation of adaptive immune response based on somatic recombination of immune receptors built from immunoglobulin superfamily domains, regulation of T-helper 2 type immune response, ne

**Subcellular Location :**

Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation.

**Sort :**

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## Products Images

