

Recombinant Human STAT3 protein ,N- Gst Tag

Catalog No :	YD2252
Reactivity :	Human
Purity :	>90% as determined by SDS-PAGE
In Vivo :	Please contact with the lab for this information.
Sequence :	A DNA sequence encoding the human STAT3(Met1~Met770) was fused with the N-terminal Gst Tag
Human Swiss Prot No :	P40763
Formulation :	Supplied as solution form in TBS,pH8.0./ Lyophilized from TBS,pH8.0.
Source :	E.coli
Dilution :	Reconstitute in sterile water for a stock solution
Concentration :	>90% as determined by SDS-PAGE
Storage Stability :	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
Subcellular Location :	Cytoplasm . Nucleus . Shuttles between the nucleus and the cytoplasm. Translocated into the nucleus upon tyrosine phosphorylation and dimerization, in response to signaling by activated FGFR1, FGFR2, FGFR3 or FGFR4. Constitutive nuclear presence is independent of tyrosine phosphorylation. Predominantly present in the cytoplasm without stimuli. Upon leukemia inhibitory factor (LIF) stimulation, accumulates in the nucleus. The complex composed of BART and ARL2 plays an important role in the nuclear translocation and retention of STAT3. Identified in a complex with LYN and PAG1.
Expression :	Heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Expressed in naive CD4(+) T cells as well as T-helper Th17, Th1 and Th2 cells (PubMed:31899195).

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