



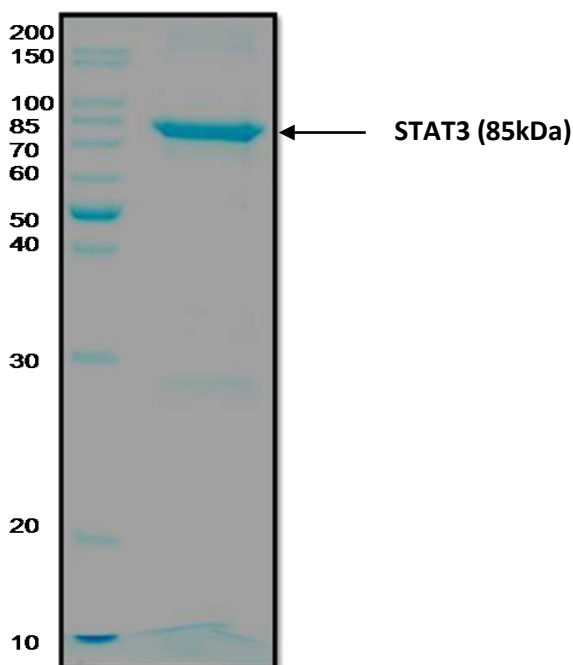
Recombinant Human STAT3 Protein

The Signal transducer and activator of transcription 3 (STAT 3), functions as a cytoplasmic mediator of cytokine signaling and nuclear transcription factor. STAT3 is considered as one of the most crucial member of the STAT family. STAT3 activation occurs via the phosphorylation of tyrosine residue (Y705) by JAK (Janus Kinase) and serine (S727) by MAPK and non-receptor tyrosine kinases. In particular STAT 3 activity is detected in a wide variety of tumors, driving multiple pro-oncogenic functions.

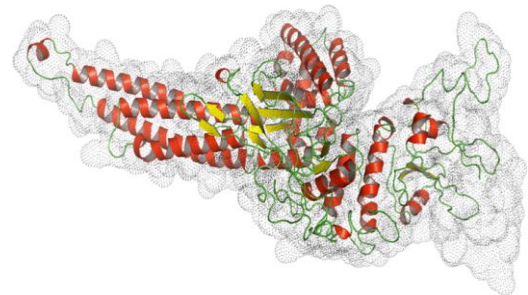
Product Details

Catalog no.	RSTAT00185
Molecular weight	85kDa
Uniprot ID	P40763
Amino acid sequence	M1-T716
Host	E.coli
Formulation	50mM Tris HCl
Conjugate/ Tag	C- terminus 6 X His tag
Purity	> 95% Purity, purified by Ni NTA and determined by SDS-PAGE
Form	Liquid/ Lyophilized
Storage	Store at -20°C and avoid freeze thaw. Stable for 12 months from the date of receipt if kept at recommended temperature
Suggested working dilution	The optimal concentration should be determined for each specific application.
Research use	For Research Use Only. Not for use in diagnostic procedures.

SDS PAGE Gel image of STAT3 (85kDa) protein



Protein Crystal Image



Protein Crystal Image

Homo sapiens Signal Transducer and Activator of Transcription 3