

## Recombinant Human STAT5B Protein

Catalog #	Source	Reactivity	Applications
CRP2344	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human STAT5B Protein is produced by our E. coli expression system and the target gene encoding Met1-Thr321 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 µM filtered solution of PBS, 50% Glycerol, 1mM DTT, pH 7.4.		
<b>Gene Symbol</b>	STAT5B		
<b>Alternative Names</b>	Signal transducer and activator of transcription 5B		
<b>Entrez Gene</b>	6777 (Human)		
<b>SwissProt</b>	P51692 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	MAVWIIQAQQL QGEALHQMMA LYGQHFPIEV RHYLSQWIES QAWDSVDLDN PQENIKATQL LEGLVQELQK KAEHQVGEDG FLLKIKLGHY ATQLQNTYDR CPMELVRCIR HILYNEQRLV REANNSSPA GSLADAMSQK HLQINQTFEE LRLVTQDTEN ELKKLQQTQE YFIIQYQESL RIQAQFGPLA QLSPQERLSR ETALQKQKQVS LEAWLQREAQ TLQQYRVELA EKHQKTLQLL RKQQTIIIDD ELIQWKRRRQ LAGNGGPPPEG SLDVLQSWCE KLAETIHWQNR QQIRRAEHLK QQLPIGPVE EMLAEVNATI TLEHHHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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