

Product Data Sheet

Recombinant Human STAT5B Protein

Catalog #	Source	Reactivity	Applications
CRP2344	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human STAT5B Protein is produced by E. coli expression system and the target gene encoding Met1-Thr321 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of PBS, 50% Glycerol, 1mM DTT, pH 7.4.		
Gene Symbol	STAT5B		
Alternative Names	Signal transducer and activator of transcription 5B		
Entrez Gene	6777 (Human)		
SwissProt	P51692 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MAVWIIQAQQL QGEALHQMMA LYGQHFPIEV RHYLSQWIES QAWDSVDLDN PQENIKATQL LEGLVQELQK KAEHQVGEDG FLLKIKLGHY ATQLQNTYDR CPMELVRCIR HILYNEQRLV REANGSSPA GSLADAMSQK HLQINQTFEE LRLVTQDTEN ELKKLQQTQE YFIIQYQESL RIQAQFGPLA QLSPQERLSR ETALQQKQVS LEAWLQREAQ TLQQYRVELA EKHQKTLQLL RKQQTIIIDD ELIQWKRRQQ LAGNGGPPEG SLDVLQSWCE KLAELIHWQNR QQIRRAEHLK QQLPIGPVE EMLAEVNATI TLEHHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

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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