

Product datasheet for TP510649

Stat5b (NM_001113563) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse signal transducer and activator of transcription 5B (Stat5b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210649 representing NM_001113563 Red =Cloning site Green =Tags(s)
	MAMWIAQQQLQGDALHQMQUALYGQHFPIEVRHYLSQWIESQAWDSIDLDPQENIKATQLLEGLVQELQK KAEHQVGEDGFLKIKLGHYATQLQSTYDRCPMELVRCIRHILYNEQRLVREANNSSPAGSLADAMSQK HLQINQTFEELRLITQDTENELKKLQQTQEYFIIQYQESLRIQAQFAQLGQLNPQERMSRETALQKQVS LETWLQREAQTLQYRVELAEKHQKTLQLLRKQQTIIIDDELIQWKRRQQLAGNGGPPPEGLDVLQSWCE KLAEIWQNRQQIRRAEHLCCQLPIPGPVEEMLAEVNATITDIISALVTSTFIIKQPPQVLKTQTKFAA TVRLLVGGKLNVMNPPQVKATIIEQQAKSLLKNENTRNDYSGEILNCCVMEYHQATGTLSAHFRNMS LKRIKRSRRGAESVTEEFITLFDQSQFSVGGNELVFQVKTLSPVWVIVHGSQDNNATATVLWDNAFAE PGRVPFAVPDKVLWPQLCEALNMKFKAEVQSNRGLTKENLVFLAQKLFNISSNHLEDYNSMSVSWSQFNR ENLPGRNYTFWQWFDGVMVLLKHLKPHWNDGAILGFVNKQQAHDLLINKPDGTFLLRFSDEIGGITIA WKFDSQERMFWNLMPTTRDFSIRSLADRLGDLNLIYVFPDRPKDEVYSKYTPVPCPATAKAADGYV KPQIKQVPEFANASTDAGSGATYMDQAPSPVCPQAHYNYMYPNPDSVLDTDGDFDLEDTMDVARRVEE LLGRPMDSQWIPHAQS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	90.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001107035
Locus ID:	20851
UniProt ID:	P42232
RefSeq Size:	4923
Cytogenetics:	11 63.63 cM
RefSeq ORF:	2358
Summary:	Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Binds to the GAS element and activates PRL-induced transcription. Positively regulates hematopoietic/erythroid differentiation. [UniProtKB/Swiss-Prot Function]