

Product datasheet for **TP510689**

Stat5a (NM_011488) Mouse Recombinant Protein

Product data:

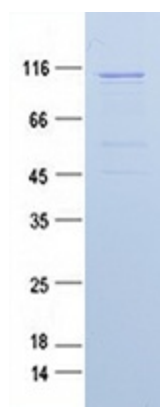
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse signal transducer and activator of transcription 5A (Stat5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210689 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAGWIAQQQLQGDALRQMQVLYGQHFPIEVRHYLAQWIESQPWDAIDLDPQDRGQATQLLEGLVQELQK KAEHQVGEDGFLKIKLGHYATQLQNTYDRCPMELVRCIRHILYNEQRLVREANNCS SPAGVLVDAMSQK HLQINQRFEELRLITQDTENELKKLQQTQEYFIIQYQESLRIQAQFAQLGQLNPQERMSRETALQQKQVS LETWLQREAQTLQYRVELAEKHQKTLQLLRKQQTIIIDDELIQWKRRQQLAGNGGPPPEGLDVLQSWCE KLAEEIHWQNRQQIRRAEHLCCQLPIPGPVEEMLAEVNATITDIISALVTSTFIIKQPPQVLKTQTKFAA TVRLLVGGKLVNVMNPPQVKATIISEQQAKSLLKNENTRNECSGEILNCCVMEYHQATGTL SAHFRNMS LKRIKRADRRGAESVTEEKFTVLFESQFSVGSNELVFQVKTLSPVVIVHGSQDHNATATVLWDNAFAE PGRVPFAVPDKVLWPQLCEALNMKFKAEVQSNRGLTKENLVFLAQKLFNISSNHLEDYNSMSVSWSQFNR ENLPGWNYTFWQWFDGVMVLEKHHKPHWNDGAILGFVNKQQAHDLLINKPDGTFLLRFSDEIGGITIA WKFDSPDRNLWNLKPFTRDF SIRSLADRLGDLNLYIVFPDRPKDEVFAKYTPVLAKAVDGYVKPQIK QVVPEFVNASTDAGASATYMDQAPSPVVCQPHYNMYPNPDPVLDQDGEFDLDESMDVARHVEELLRRP MDSL DARLSPPAGLFTSARSSLS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	90.8 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:	<u>NP_035618</u>
Locus ID:	20850
UniProt ID:	<u>P42230</u> , <u>Q9JIA0</u> , <u>Q3UZ79</u>
RefSeq Size:	3910
Cytogenetics:	11 63.77 cM
RefSeq ORF:	2382
Synonyms:	AA959963; STAT5
Summary:	Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL-induced transcription. Regulates the expression of milk proteins during lactation.[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Stat5a was analyzed by SDS-PAGE gel and Coomassie Blue Staining.