

Datasheet for ABIN7586239
STAT5B Protein (AA 1-786) (His tag)



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Overview

Quantity:	100 µg
Target:	STAT5B
Protein Characteristics:	AA 1-786
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAT5B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAMWIAQQL QGDALHMQMA LYGQHFPIEV RHYLSQWIES QAWDSIDLND PQENIKATQL</p> <p>LEGLVQELQK KAEHQVGEDG FLLKIKLGHY ATQLQNTYDR CPMELVRCIR HILYNEQRLV</p> <p>REANNNGSSPA GSLADAMSQK HLQINQTFEE LRLITQDTES ELKKLQQTQE YFIIQYQESL</p> <p>RIQAQFAQLA QLNPPQERMSR ETALQQKQVS LETWLQREAQ TLQQYRVELA EKHQKTLQLL</p> <p>RKQQTIILDD ELIQWKRRQQ LAGNGGPPEG SLDVLQSWCE KLAELIQQNR QQIRRLHLHC</p> <p>QQLPIPGPVE EMLAEVNATI TDIISALSTS TFIIEKQPPQ VLKTQTKFAA TVRLLVGGKL</p> <p>NVHMNPPQVK ATIIEQQAK SLLKNENTRN DYSGEILNNC CVMEYHQATG TLAHFRNMS</p> <p>LKRIKRSRR GAESVTEEF TILFDSQFSV GGNELVFQVK TSLPVVVIV HGSQDNNATA</p> <p>TVLWDNAFRE PGRVPFAVPD KVLWPQLCEA LNMKFKAQVQ SNRGLTKENL VFLAQKLFNS</p> <p>SSNHLEDYNS MSVSWSQFNR ENLPGRNYTF WQWFDGVMEV LKKHLKPHWN DGAILGFVNK</p> <p>QQAHDLLINK PDGTFLLRFS DSEIGGITIA WKFDSQERMF WNLMPFTTRD FSIRSLADRL</p> <p>GDLNLIYVF PDRPKDEVYS KYYTPVPCER ATAKAADGYV KPQIKQVPE FVNASTDAGS</p>
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Product Details

GATYMDQAPS PVVCPQAHYN MYPQNPDSVL DTDGDFDLED TMDVARRVEE LLGRPMDSQW
IPHAQS

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: STAT5B

Abstract: [STAT5B Products](#)

Background: Recommended name: Signal transducer and activator of transcription 5B

UniProt: [P52632](#)

Pathways: [JAK-STAT Signaling](#), [RTK Signaling](#), [Response to Growth Hormone Stimulus](#), [C21-Steroid Hormone Metabolic Process](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [CXCR4-mediated Signaling Events](#), [Activated T Cell Proliferation](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Handling

Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.