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Datasheet for ABIN1612385
STAT5A Protein (AA 1-793) (His tag)

Overview

Quantity:	1 mg
Target:	STAT5A
Protein Characteristics:	AA 1-793
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAT5A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MAGWIAQQL QGDALRQMQRV LYGQHFPIEV RHYLAQWIES QPWDALDLN PQDRGQATQL
LEGLVQELQK KAEHQVGEDG FVLKIKLGHY ATQLQNTYDR CPMELVRCIR HILYNEQRLV
REANNCSSPA GVLVDAMSQK HLQINQTFEE LRLITQDTES ELKKLQQTQE YFIIQYQESL
RIQAQFGQLA QLNPQERMSR ETALQQKQVS LETWLQREAA TLQQYRVELV EKHQKTLQLL
RKQQTIIIDD ELIQWKRQGG LAGNGGPPEG SLDVLQSWCE KLAEIWQNR QQIRRAEHLK
QQLPIPGPVE EMLAEVNATI TDIISALVTS TFIIEKQPPQ VLKTQTKFAA TVRLLVGGKL
NVHMINPPQVK ATIISEQQA SLLKNENTRN DYSGEILNCCVMEYHQATG TSLAHFRNMS
LKRIKRRARR GAESVTEEFK TVLFESQFSV GSNELVFQVK TSLPVVVIV HGSQDHNATA
TVLWDNAFAE PGRVPPFAVPD KVLWPQLCEA LNMKFKAQVQ SNRGLTKENL VFLAQKLFNR
RSNHLEDYNS MSVSWSQFNR ENLPGWNYTF WQWFDGVMEV LKKHHKPHWN DGAILGFVNK
QQAHDLLINK PDGTFLLRFS DSEIGGITIA WKFDSPDRNL WNLKPFTTRD FSIRSLADRL
GDLNYLIYVF PDRPKDEVFA KYYPVLAKA VDGYPKQIK QVPEFVNAS ADAGANATYM

Product Details

DQAPSPVVCP QAHYNYPPN PDPVLDQDGE FDLDETMDVA RHVEELLRRP MDSLDPRLSP
PAGLFTSARS SLS

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: STAT5A

Abstract: [STAT5A Products](#)

Background: Recommended name: Signal transducer and activator of transcription 5A.
Alternative name(s): Mammary gland factor

UniProt: [Q62771](#)

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.