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Datasheet for ABIN1645556 KAT5 Protein (AA 1-513) (His tag)

Overview

Quantity:	1 mg
Target:	KAT5
Protein Characteristics:	AA 1-513
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KAT5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAEVGEIIEG CRLPVLRRNQ DNEDEWPLAE ILSVKDISGR KLFYVHYIDF NKRLDEWVTH</p> <p>ERLDLKKIQF PKKEAKTPTK NGLPGSRPGS PEREVPASQA ASGKTLPIPV QITLRFNLPK</p> <p>EREAIPEGEP DQPLSSSSCL QPNHRSTKRK VEVVSPATPV PSETAPASVF PQNGSARRAV</p> <p>AAQPGRKRKS NCLGTDEDSQ DSSDGIPSAP RMTGSLVSDR SHDDIVTRMK NIECIELGRH</p> <p>RLKPWYFSPY PQELTTLPVL YLCEFCCLKYG RSLKCLQRHL TKCDLRHPPG NEIYRKGTS</p> <p>FFEIDGRKNK SYSQNLCLLA KCFLDHKTLY YDTPFLFYV MTEYDCKGFH IVGYFSKEKE</p> <p>STEDYNVACI LTLPPYQRRG YGKLLIEFSY ELSKVEGKTG TPEKPLSDLG LLSYRSYWSQ</p> <p>TILEILMGLK SESGERPQIT INEISEITSI KKEDVISTLQ YLNLINYYKG QYILTLSEDI VDGHERAMLK</p> <p>RLLRIDSKCL HFTPKDWSKR GKW</p>
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.

Product Details

Purity: > 90 %

Target Details

Target: KAT5

Alternative Name: Histone acetyltransferase KAT5 (Kat5) ([KAT5 Products](#))

Background: Recommended name: Histone acetyltransferase KAT5.
EC= 2.3.1.48.
Alternative name(s): 60 kDa Tat-interactive protein.
Short name= Tip60 Histone acetyltransferase HTATIP Lysine acetyltransferase 5

UniProt: [Q99MK2](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

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

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

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.