

Datasheet for ABIN7591472
CLPB Protein (AA 1-677) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CLPB
Protein Characteristics:	AA 1-677
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLPB protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MMLSAVLRRRT APAPRLFLGL IKSPSLQSRG GAYNRSVITG DRGEPQLRRT AAWVRPGASS
 VLFPGRGAAT GGRRGERTEI PYLTAASSGR GPSPEETLPQ QDSWNGVPNK AGLGMWALAM
 ALVVQCYNKN PSNKDAALME AARANNVQEV RRLLSEGADV NARHKLGWTA LMVAAISHNE
 SVVQVLLAAG ADPNLGDDFS SVYKTANEQG VHSLEVLVTR EDDFNNRLNH RASFKGCTAL
 HYAVLADDYS IVKELLGGGA NPLQRNEMGH TPLDYAREGE VMKLLKTSET KYMEKQRKRE
 AEERRRFPLE QRLEQHIIGQ ESAIATVGAA IRRKENGWYD EEHPLVFLFL GSSGIGKTEL
 AKQTAKYMHK DAKKGFIRLD MSEFQERHEV AKFIGSPPGY IGHEEGGQLT KKLKQCPNAV
 VLFDEVDKAH PDVLTIMLQL FDEGRLTDGK GKTIDCKDAI FIMTSNVASD EIAQHALQLR
 QEALEMSRNR IAENLGDVQI SDKITISKNF KENMIRPILK AHFRRDEF LG RINEIVYFLP
 FCHSELIQLV NKELNFWAKR AKQRHNITLL WDREVADVLV DGYNVQYGAR SIKHEVERRV
 VNQLAAAYEQ DLLPGGCTLR ITVEDSDKQL LKSPPELSPQ AEKRPPTLRL EIIDKDSKTH
 KLDIQAPLHP EKVCYTI

Product Details

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:	CLPB
Alternative Name:	Caseinolytic peptidase B protein homolog (Clpb) (CLPB Products)
Background:	Recommended name: Caseinolytic peptidase B protein homolog. Alternative name(s): Suppressor of potassium transport defect 3
UniProt:	Q9WTT2

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.