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Datasheet for ABIN1658783 CLPB Protein (AA 1-677) (His tag)

Overview

Quantity:	1 mg
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:	MMLSAVLRRT APAPRLFLGL IKSPSLQSRG GAYNRSVITG DRGEPQLRRT AAWVRPGASS VLFPGRGAAT GGRRGERTEI PYLTAASSGR GPSPEETLPG QDSWNGVPNK AGLGMWALAM ALVVQCYNKN PSNKDAALME AARANNVQEV RRLLESEGADV 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
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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.