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Datasheet for ABIN1635073 CLPX Protein (AA 57-633) (His tag)

Overview

Quantity:	1 mg
Target:	CLPX
Protein Characteristics:	AA 57-633
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLPX protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>FSET PAYFASKDGT NKDGSGDGNK KSVTEGSSKK SGSGNSGKGG NQLRCPKCGD</p> <p>LCTHVETFVS STRFVKCEKC HHFFVVLSEA DSKKSIKEP ESAAEAVKLA FQQKPPPPPK</p> <p>KIYNYLDKYV VGQSFACKVL SVAVYNHYKR IYNNIPANLR QQAEVEKQTS LTPRELEIRR</p> <p>REDEYRFTKL LQIAGISPHG NALGASMQQQ GSQQMPQEK R GGEVLDSPHD DIKLEKSNIL</p> <p>LLGPTGSGKT LLAQTLAKCL DVPFAICDCT TLTQAGYVGE DIESVIAKLL QDANYNVEKA</p> <p>QQGIVFLDEV DKIGSVPGIH QLRDVGEGEV QQGLLKLLEG TIVNVPEKNS RKL RGETVQV</p> <p>DTTNILFVAS GAFNGLDR II SRRKNEKYL G FGTPSNLGKG RRAAAAADLA NRSGESNTHQ</p> <p>DIEEKDRLLR HVEARDLIEF GMIPEFVGRL PVVPLHSLD EKTLVQILTE PRNAVIPQYQ</p> <p>ALFSMDKCEL NVTEDALKAI ARLALERKTG ARG LRSIMEK LLLLEPMFEVP NSDIVCVEVD</p> <p>KEVVEGKKEP GYIRAPSKES SEEDYDSGVE EDGWPRQADA ANS</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: CLPX

Alternative Name: ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial (Clpx) ([CLPX Products](#))

Background: Recommended name: ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial

UniProt: [Q5U2U0](#)

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 modiflicated 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

Storage: -20 °C

Handling

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