Datasheet for ABIN1612388

DPYS Protein (AA 1-519) (His tag)

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Overview

Quantity:	1 mg
Target:	DPYS
Protein Characteristics:	AA 1-519
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPYS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAPQERLLIR GGRVVNDDFS QVADVLVEDG VVRALGRDLL PPGDTSRGLR ILDAAGKLVL PGGIDTHTHM QFPFMGSQSV DDFHQGTKAA LAGGTTMIID FAIPQKGSSL IEAFETWRNW ADPKVCCDYS LHVAVTWWSD KVKEEMKTLA QDKGVNSFKM FMAYKDLYMV QDQQMYAAFS QCKEIGAIAQ VHAENGDLIA EGAKKMLALG ITGPEGHELC RPEAVEAEAT LRAITIASAV NCPLYIVHVM SKSAAKVIAD AKREGKVVYG EPIAAGLGTD GTQYWNKEWR HAAHHVMGPP LRPDPSTPGF LMNLLANGDL TTTGSDNCTF NTCQKALGKD DFTKIPNGVN GVEDRMSVIW EKGVHSGKMD ENRFVAVTST NAAKIFNLYP KKGRIAVGSD ADIVIWDPEA TRTISAKTHH QAVNFNIFEG MVCHGVPLVT ISRGRVVYEA GVFDVTAGHG KFIPRQPFAE FIYKRVKQRD QTCTPIPVKR APYKGEVITL KPRETKEDDT AGTRMQGHS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	DPYS
Abstract:	DPYS Products
Background:	Recommended name: Dihydropyrimidinase. Short name= DHP. Short name= DHPase. EC= 3.5.2.2. Alternative name(s): Dihydropyrimidine amidohydrolase Hydantoinase
UniProt:	Q63150

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 modificated 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.

