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Datasheet for ABIN1474609
CDC25A Protein (AA 1-525) (His tag)

Overview

Quantity:	1 mg
Target:	CDC25A
Protein Characteristics:	AA 1-525
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC25A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MELGPEPPHR RLLFTCSPT PAPQPTGKVQ FGASRAGGLS PVTNLTVTMD QLEGLGSDYE KPM DV RNSSS LQRMGSSEST DSGFCLDSPG PLDSKENLEI SLRRINCLPQ KLLGCSPALK RSHSDSLDHD IFQLIDQDEN KENEAFFFKK PIRPASRGCL NAHVHEESKD PFTHRQNSAP ARMLSSNESD ISESGNFSPL FTPQSPVKAS LSDEDDGFID LLDGENLKND EETPSCMSSL WTAPLVMRRP TNLADRCGLF DSPSPCSSTS SCSTRAVKRA DRSHHEESPRG TKRRKSSEAS PVKADVPEPT QLPHQSLSLT SFPKGTIENI FHSDPRDLIG DFSKGYLFHT VSGKHQDLKY ISPEIMASVL NGKFANLIKE FVIIDCRYPY EYEGGHIKGA VNLHMEEVE EFLLKKPIVP ADGKRVIVVF HCEFSSERGP RMCRYVRERD RLGNEYPKLH YPELYVLKGG YKEFFLKCQS HCEPPSYRPM HHEDFKEDLK KFRTKSRTWA GEKSKREMYS RLKKL
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: CDC25A

Alternative Name: M-phase inducer phosphatase 1 (Cdc25a) ([CDC25A Products](#))

Background: Recommended name: M-phase inducer phosphatase 1.
EC= 3.1.3.48.
Alternative name(s): Dual specificity phosphatase Cdc25A

UniProt: [P48965](#)

Pathways: [Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#), [M Phase](#)

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

Storage: -20 °C

Handling

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