Datasheet for ABIN7588094

CDK5R1 Protein (AA 2-307) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	CDK5R1
Protein Characteristics:	AA 2-307
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK5R1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GTVLSLSPS YRKATLFEDG AATVGHYTAV QNSKNAKDKN LKRHSIISVL PWKRIVAVSA KKKNSKKVQP NSSYQNNITH LNNENLKKSL SCANLSTFAQ PPPAQPPAPP ASQLSGSQTG VSSSVKKAPH PAVSSAGTPK RVIVQASTSE LLRCLGEFLC RRCYRLKHLS PTDPVLWLRS VDRSLLLQGW QDQGFITPAN VVFLYMLCRD VISSEVGSDH ELQAVLLTCL YLSYSYMGNE ISYPLKPFLV ESCKEAFWDR CLSVINLMSS KMLQINADPH YFTQVFSDLK NESGQEDKKR LLLGLDR
Specificity:	Bos taurus (Bovine)
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.
Purity:	> 90 %

Target Details

Target:	CDK5R1
Alternative Name:	Cyclin-dependent kinase 5 activator 1 (CDK5R1) (CDK5R1 Products)
Target Type:	Viral Protein
Background:	Recommended name: Cyclin-dependent kinase 5 activator 1. Short name= CDK5 activator 1. Alternative name(s): Cyclin-dependent kinase 5 regulatory subunit 1 TPKII regulatory subunit Cleaved into the following 2 chains: 1. Cyclin-dependent kinase 5 activator 1, p35. Short name= 2. p35 3. Cyclin-dependent kinase 5 activator 1, p25. Short name= 4. p25. Alternative name(s): Tau protein kinase II 23 kDa subunit. Short name= p23
UniProt:	Q28199
Pathways:	Stem Cell Maintenance, Regulation of Cell Size, Positive Regulation of Endopeptidase Activity

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

Handling

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