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Datasheet for ABIN1473748

CAMKK1 Protein (AA 1-505) (His tag)

Overview

Quantity:	1 mg
Target:	CAMKK1
Protein Characteristics:	AA 1-505
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAMKK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MERSPAVCCQ DPRAELVERV AAISVAHLEE AEEGPEPASN GVDPPPRARA ASVIPGSASR</p> <p>PTPVRPSLSA RKFSLQERPA GSCLEAQVGP YSTGPASHMS PRAWRRPTIE SHHVAISDTE</p> <p>DCVQLNQYKL QSEIGKGAYG VVRLAYNERE DRHYAMKVLS KKKLLKQYGF PRRPPPRGSQ</p> <p>APQGGPAKQL LPLERVYQEI AILKKLDHVN VVKLIEVLDD PAEDNLYLVF DLLRKGPVME</p> <p>VPCDKPFPEE QARLYLRDII LGLEYLHCQK IVHRDIKPSN LLLGDDGHVK IADFGVSNQF</p> <p>EGNDAQLSST AGTPAFMAPE AISDTGQSFS GKALDVWATG VTLYCFVYGK CPFIDEYILA</p> <p>LHRKIKNEAV VFPEEPEVSE ELKDLILKML DKNPETRIGV SDIKLHPWVT KHGEEPLPSE</p> <p>EEHCSVVEVT EEEVKNSVKL IPSWTTVILV KSMLRKRSFG NPFEPQARRE ERSMSAPGNL</p> <p>LLKEGCGEGG KSPELPGVQE DEAAS</p>
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: CAMKK1

Alternative Name: Calcium/calmodulin-dependent protein kinase kinase 1 (Camkk1) ([CAMKK1 Products](#))

Background: Recommended name: Calcium/calmodulin-dependent protein kinase kinase 1.
Short name= CaM-KK 1.
Short name= CaM-kinase kinase 1.
Short name= CaMKK 1.
EC= 2.7.11.17.
Alternative name(s): CaM-kinase IV kinase Calcium/calmodulin-dependent protein kinase kinase alpha.
Short name= CaM-KK alpha.
Short name= CaM-kinase kinase alpha.
Short name= CaMKK alpha

UniProt: [P97756](#)

Pathways: [AMPK Signaling](#)

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

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.