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Datasheet for ABIN1644491 CCT4 Protein (AA 1-484) (His tag)

Overview

Quantity:	1 mg
Target:	CCT4
Protein Characteristics:	AA 1-484
Origin:	Encephalitozoon cuniculi
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCT4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MATERLNQVR TSVFQASQSL LQTLSTSLGP RGLDKMVVKD KKTVVTNDGA TILKYLNHHP</p> <p>IHGILSSMSA TQDEECGDGT TSVVILAGCL LESISSLLER NVHPSVICDN LEIAKKIGLR</p> <p>YIDRVKMECS EKDLISNVTT ALCSKIASST GEMAVEAIRG MEYVNGDKKN IRVVKKIGGN</p> <p>LDDVKAYKSI LLECDLKDIP KKAKVGVIQF CLSAPKTNMD SKILINDPAL MEKIIQDERK</p> <p>YILEMCKKIK KSGCTLLVVQ KSILRESLSD LASHFLKQLN ILVVNSVDRK DVDYICSAMN</p> <p>IQPVSEVDLL SPASLVDVET GEVEGMLEIK GYGCTILLRG CDDMVVEEAE RSLNDALCVV</p> <p>KCLKELPFLV PGGGSIEMGI ALMLSESTEG NIYVLREIAK AFEGVPYFLA RNAGLYPVEI</p> <p>VSELRSELKQ NCCAGISVRS GHAGDMVRDD SVVQPAKVSI SVVTLALETV SMILKIDDIL PARR</p>
Specificity:	Encephalitozoon cuniculi (strain GB-M1) (Microsporidian parasite)
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: CCT4

Alternative Name: T-complex protein 1 subunit delta (CCT4) ([CCT4 Products](#))

Background: Recommended name: T-complex protein 1 subunit delta.
Short name= TCP-1-delta.
Alternative name(s): CCT-delta

UniProt: [Q8SSH3](#)

Pathways: [Embryonic Body Morphogenesis](#)

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.