Datasheet for ABIN1655904

THRA Protein (AA 1-402) (His tag)

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Overview

Quantity:	1 mg
Target:	THRA
Protein Characteristics:	AA 1-402
Origin:	Great Penguin
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This THRA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEQKPSTLDP LSEPEDTRWL DGKRKRKSSQ CLVKSSMSGY IPSYLDKDEQ CVVCGDKATG YHYRCITCEG CKGFFRRTIQ KNLHPTYSCK YDGCCVIDKI TRNQCQLCRF KKCISVGMAM DLVLDDSKRV AKRKLIEENR ERRRKEEMIK SLQHRPNPSA EEWELIHVVT EAHRSTNAQG SHWKQKRKFL PEDIGQSPMA SMPDGDKVDL EAFSEFTKII TPAITRVVDF AKKLPMFSEL PCEDQIILLK GCCMEIMSLR AAVRYDPESE TLTLSGEMAV KREQLKNGGL GVVSDAIFDL GKSLSAFNLD DTEVALLQAV LLMSSDRTGL ICVEKIEKCQ ETYLLAFEHY INYRKHNIPH FWPKLLMKVT DLRMIRACHA SRFLHMKVEC PTELFPPLFL EV
Specificity:	Aptenodytes patagonicus (King penguin)
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:	THRA
Alternative Name:	Thyroid hormone receptor alpha (THRA) (THRA Products)
Background:	Recommended name: Thyroid hormone receptor alpha. Alternative name(s): Nuclear receptor subfamily 1 group A member 1
UniProt:	O42295
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway, Sensory Perception of Sound, Cellular Response to Molecule of Bacterial Origin, Regulation of Lipid Metabolism by PPARalpha, Regulation of Muscle Cell Differentiation, Maintenance of Protein Location, Skeletal Muscle Fiber Development

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