Datasheet for ABIN1666997

TRH Protein (AA 16-227) (His tag)

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Overview

Quantity:	1 mg
Target:	TRH
Protein Characteristics:	AA 16-227
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRH protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	HMVHT QEQPLLEEDT APLDDLDVLE KAKGILIRSI LEGFQEGQQN NRDLPDAMEM ISKRQHPGKR FQEEIEKRQH PGKRDLEDLN LELSKRQHPG RRFVDDVEKR QHPGKREEGD WSRRYLTDDS RYLDLLSDVS RRQHPGKRVP APLFTKRQHP GKRVTEEEGD TEFENSKEVG KRQHPGKRYD PCEGPNAYNC NSGNILPDSV EELSFGL
Specificity:	Xenopus laevis (African clawed frog)
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:	TRH

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Target Details

Alternative Name:	Thyroliberin type A (trh-a) (TRH Products)
Background:	Recommended name: Thyroliberin type A Cleaved into the following 2 chains: 1. Prothyroliberin type A 2. Thyroliberin. Alternative name(s): Protirelin TSH-releasing factor Thyrotropin-releasing factor. Short name= TRF Thyrotropin-releasing hormone. Short name= TRH
UniProt:	P01152
Pathways:	Positive Regulation of Peptide Hormone Secretion, Feeding Behaviour

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.

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