Datasheet for ABIN1474448

REG3A Protein (AA 26-174) (His tag)

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Overview

Quantity:	1 mg
Target:	REG3A
Protein Characteristics:	AA 26-174
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This REG3A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EDSQK AVPSTRTSCP MGSKAYRSYC YTLVTTLKSW FQADLACQKR PSGHLVSILS GGEASFVSSL VTGRVNNNQD IWIWLHDPTM GQQPNGGGWE WSNSDVLNYL NWDGDPSSTV NRGNCGSLTA TSEFLKWGDH HCDVELPFVC KFKQ
Specificity:	Rattus norvegicus (Rat)
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:	REG3A
Alternative Name:	Regenerating islet-derived protein 3-alpha (Reg3a) (REG3A Products)

Target Details

Background:	Recommended name: Regenerating islet-derived protein 3-alpha. Short name= REG-3-alpha. Alternative name(s): Islet of Langerhans regenerating protein 3. Short name= REG 3 Lithostathine 3 Pancreatitis-associated protein 2 RegIII Regenerating islet-derived protein III-alpha. Short name= Reg III-alpha
UniProt:	P35231

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.