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Datasheet for ABIN1666133  
**GNAS Protein (AA 1-394) (His tag)**

## Overview

Quantity:	1 mg
Target:	GNAS
Protein Characteristics:	AA 1-394
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNAS protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MGCLGNSKTE DQRNEEKAQR EANKKIEKQL QKDKQVYRAT HRLLLLGAGE SGKSTIVKQM RILHVNGFNG EGGEEDPQAA RSNSDGEKAT KVQDIKNNLK EIETIVAAM SNLVPPVELA NPENQFRVDY ILSVMNVPNF DFPPEFYEHA KALWEDEGVR ACYERSNEYQ LIDCAQYFLD KIDVIKQADY VPSDQDLLRC RVLTSgifET KFQVDKVNfH MFDVGGQRDE RrkwiQCFND VTAIfVVAS SSYNMViRED NQTNRLQeAL NLFKSIWNNR WlRTISViLF LNKQDLLAEK VLAGKSKIED YFPEFARYTT PEDATPEPGE DPRVTRAKYF IRDEF LRIST ASGDGRHYCY PHFTCAVDTE NIRRVFNDCR DIIQRMHLRQ YELL
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.
Purity:	> 90 %

## Target Details

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Target:	GNAS
Alternative Name:	Guanine nucleotide-binding protein G (s) subunit alpha isoforms short ( <a href="#">GNAS Products</a> )
Background:	Recommended name: Guanine nucleotide-binding protein G(s) subunit alpha isoforms short. Alternative name(s): Adenylate cyclase-stimulating G alpha protein G-alpha-8
UniProt:	<a href="#">P63095</a>
Pathways:	<a href="#">Thyroid Hormone Synthesis</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Embryonic Body Morphogenesis</a>

## Application Details

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Comment:	<p>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.</p>
Restrictions:	For Research Use only

## Handling

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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.