Datasheet for ABIN1460992

GUCY2F Protein (AA 47-465) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	GUCY2F
Protein Characteristics:	AA 47-465
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GUCY2F protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QVWA PPYKIGVVGP WTCDPLFSKA LPEIAAQLAT ERINKDPALD LGHSLEYVIF NEDCQASRAL SSFISHHQMA SGFIGPANPG YCEAASLLGN SWDKGIFSWA CVNYELDSKN SHPTFSRTLP SPIRVLLTVM KYFQWAHAGV ISSDEDIWVH TAYRVASALR SRGLPVGVVL TTGQDSQSIQ KALQQIRQAD RIRIIIMCMH STLIGGETQT HLLEWAHDLQ MTDGTYVFVP YDTLLYSLPY KHTPYKVLRN NPKLREAYDA VLTITVESQE KTFYQAFEEA AARGEIPEKL ESDQVSPLFG TIYNSIYFIA QAMNNAMKEN GWASAASLVQ HSRNVQFYGF NQLIRTDANG NGISEYVILD TNWKEWELHS TYTVDMETEL LRFGETPIHF PGGRPPRADA QCWFADGRIC QGGIN
Specificity:	Bos taurus (Bovine)
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:	GUCY2F
Alternative Name:	Retinal guanylyl cyclase 2 (GUCY2F) (GUCY2F Products)
Background:	Recommended name: Retinal guanylyl cyclase 2. Short name= RETGC-2. EC= 4.6.1.2. Alternative name(s): Guanylate cyclase 2F, retinal Guanylate cyclase F. Short name= GC-F Rod outer segment membrane guanylate cyclase 2. Short name= ROS-GC2
UniProt:	O02740
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Phototransduction

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

Handling

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