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Datasheet for ABIN1658464

**GUCY1A2 Protein (AA 1-730) (His tag)**

## Overview

Quantity:	1 mg
Target:	GUCY1A2
Protein Characteristics:	AA 1-730
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GUCY1A2 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MSRRKISSES FSSLGSDYLE TSPEEEGECF LSKLCWNGSR SPPGPPGSRA AAMAATPVPA ASVAAAAA AV AAGSKRAQRR RRVNLDLGE SISLLTAPSP QTIHMTLKRT LQYYEHQVIG YRDAEKNFHN ISNRCSSADH SNKEEIEDVS GILRCTANVL GLKFQEIQER FGEEFFKICF DENERVLRV GSTLQDFENG FDALLEHIRT SFGKQATLES PSFLCKELPE GTLKLHYFHP HHTVGFAMLG MIKAAGKRIY HLNVEVEQIE NEKFCSDGST PSNYSCLTFL IKECETTQIT KNIPQGTSGI PTDLRISINT FCRTFPFHL MFDPNMVLQL GEGLRKQLRC DNHKVLKFED CFEIVSPKVN ATFDRVLLRL STPFVIRTKP EASGTDNEDK VMEIKGQMIH VPESNAILFL GSPCVDKLDE LIGRGLHLS DIPHDATRDV ILVGEQAKAQ DGLKKRMDKL KATLEKTHQA LEEEKKKTVD LLYSIFPGDV AQLWQRQV QARKFDDVTM LFSDIVGFTA ICAQCTPMQV ISMLNELYTR FDHQCGFLDI YKVETIGDAY CVASGLHRKS LCHAKPIALM ALKMMELSEE VLTPDGRPIQ MRIGIHSGSV LAGVVGVRMP RYCLFGNNVT LASKFESGSH PRRINISPTT YQLLKREDSF TFIPRSREEL PDNFPKEIPG VCYFLELRTG PKPPKPSLSS SRIKKVSYNI
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## Product Details

	GTMFLRETSL
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

Target:	GUCY1A2
Alternative Name:	Guanylate cyclase soluble subunit alpha-2 (Gucy1a2) ( <a href="#">GUCY1A2 Products</a> )
Background:	Recommended name: Guanylate cyclase soluble subunit alpha-2. Short name= GCS-alpha-2. EC= 4.6.1.2
UniProt:	<a href="#">Q9WVI4</a>

## 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 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.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

## Handling

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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.