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Datasheet for ABIN1474735

**GUCY2E Protein (AA 55-465) (His tag)**

## Overview

Quantity:	1 mg
Target:	GUCY2E
Protein Characteristics:	AA 55-465
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GUCY2E protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	AVFKVG VLGPWACDPI FARARPDAA RLATDRLNRD LALDGGPWFE VTLLPEPCLT PGSLGAVSSA LTRVSGLVGP VNPAACRPAA LLAQEAGVAL VPWGCPGTRA AGTTAPAVTP AADALYVLLK AFRWARVALI TAPQDLWVEA GRALSTALRA RGLPVALVTS MVPSDLGAR EALRRIRDGP RVRVIMVMH SVLLGGEEQR YLLEAAEELG LTDGSLVFLP FDTLHYALSP GPEALAAFVN SSKLRRAHDA VLTLTRRCPG GGSVQDSLRR AQEHQELPLD LDLKQVSPLF GTIYDAVFL AGGVTRAAA VGGGWVSGAS VARQMREAQV FGFCGILGRT EEPFVLLDT DAAGERLFTT HLLDPVLGSL RSAGTPVHFP RGAPAPGPDP SCWFDPDVIC NGGVE
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:	GUCY2E
Alternative Name:	Guanylyl cyclase GC-E (Gucy2e) ( <a href="#">GUCY2E Products</a> )
Background:	Recommended name: Guanylyl cyclase GC-E. EC= 4.6.1.2. Alternative name(s): Guanylate cyclase 2E
UniProt:	<a href="#">P51840</a>

## Application Details

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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 modiflicated 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

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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.