



[Go to Product page](#)

Datasheet for ABIN1474179

GUCY1B2 Protein (AA 1-682) (His tag)

Overview

Quantity:	1 mg
Target:	GUCY1B2
Protein Characteristics:	AA 1-682
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GUCY1B2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MEALKLFG E YFFKFKMSG YDRMLRTLGG NLTEFIENLD ALHSYLALSY QEMNAPSFRV
EEGADGAMLL HYYSDRHGLC HIVPGIIEAV AKDFFD TDVA MSILDMNEEV ERTGKKEHVV
FLVVQKAHRQ IRGAKASRPQ GSEDSQADQE ALQGTLLRMK ERYLNIPVCP GEKSHSTAVR
ASVLFKGKGPL RDTFQPVYPE RLWVEEEVFC DAFPFHIVFD EALRVKQAGV NIKQYVPGIL
TQKFALDEYF SIIHPQVTFN ISSICKFINS QFVLKTRKEM MPKARKSQPM LKLRGQMIWM
ESLRCMIFMC SPNVRS LQEL EESKMHLSDI APHDTTRDLI LLNQQLAEM ELSCQLEKKK
EELRVL SNHL AIEKKKTETL LYAMLPEHVA NQLKEGRKVA AGEFETCTIL FSDVVTFTNI
CAACEPIQIV NMLNSMYSKF DRLTSVHDVY KVETIGDAYM VVGGVPVPVE SHAQRVANFA
LGMRI SAKEV MNPVTGEPIQ IRVGIHTGPV LAGVVGDKMP RYCLFGD TVN TASRMESHGL
PSKVHLSPTA HRALKNKGFE IVRRGEIEVK GKGKMTTYFL IQNLNATEDE IMGRPSAPAD
GKEVCTPGNQ VRKSPAVPRN TDHQQQVYKG DPADASNEVT LAGSPVAGR N STDAVNNQPS
PDETKTSVA SGPVLSAF CV VL

Product Details

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:	GUCY1B2
Alternative Name:	Guanylate cyclase soluble subunit beta-2 (Gucy1b2) (GUCY1B2 Products)
Background:	Recommended name: Guanylate cyclase soluble subunit beta-2. Short name= GCS-beta-2. EC= 4.6.1.2
UniProt:	P22717

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 Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

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