

Datasheet for ABIN7584607

GUCY1B3 Protein (AA 1-619) (His tag)



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Overview

Quantity:	100 µg
Target:	GUCY1B3
Protein Characteristics:	AA 1-619
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GUCY1B3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MYGFVNHLE LLVIRNYGPE VWEDIKKEAQ LDEEGQFLVR IYDDSKTYD LVAAASKVLN LNAGEILQMF GKMFFVFCQE SGYDTILRVL GSNVREFLQN LDALHDHLAT IYPGMRAPSF RCTDAEKGKG LILHYYSERE GLQDIVIGII KTVAQQIHGT EIDMKVIQQR SEECDHTQFL IEEKESKEED FYEDLDRFEE NGTQDSRISP YTFCKAFPFH IIFDRDLVVT QCGNAIYRVL PQLQPGKCSL LSVFSLVRPH IDISFHGILS HINTVFLVRS KEGLLDVEKL ECEDELTGAE ISCLRLKGQM IYLPEADSIL FLCSPSVMNL DDLTRRGlyL SDIPLHDATR DLVLLGEQFR EEYKLTQELE ILTDRLQLTL RALEDEKKKT DTLlySVLPP SVANELRHKR PVPakRYDNV TILFSGIVGF NAFCSKhasG EGAMKIVNLL NDlyTRFDTL TDSRKNPFVY KVETVGDKYM TVSGLPEPCI HHARSICHLA LDMMEIAGQV QVDGESVQIT IGIHTGEVVT GVIGQRMPrY CLFGNTVNLT SRTETTGEKG KINVSEYTYR CLMSPENSdp QFHLEHRGPV SMKGKKEPMQ VWFLSRKNTG TEETNQDEN
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	GUCY1B3
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Alternative Name:	Guanylate cyclase soluble subunit beta-1 (Gucy1b3) (GUCY1B3 Products)
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Background:	Recommended name: Guanylate cyclase soluble subunit beta-1. Short name= GCS-beta-1. EC= 4.6.1.2. Alternative name(s): Guanylate cyclase soluble subunit beta-3. Short name= GCS-beta-3 Soluble guanylate cyclase small subunit
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UniProt:	P20595
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Pathways:	Transition Metal Ion Homeostasis
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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.
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Restrictions:	For Research Use only
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Handling

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

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.