

Datasheet for ABIN1474802 GUCY2D Protein (AA 67-475) (His tag)



Overview Quantity: 1 mg Target: GUCY2D Protein Characteristics: AA 67-475 Origin: Rat Source: Yeast Protein Type: Recombinant Purification tag / Conjugate: This GUCY2D protein is labelled with His tag. Application: ELISA Product Details Sequence: RETF TLGVLGPWDC DPIFAQALPS MATQLAVDRV NQDASLLLGS QLDFKILPTG CDTPHALATF VAHRNTVAAF IGPVNPGYCP AAALLAQGWG KSLFSWACGA PEGGGALVPT LPSMADVLLS VMRHFGWARL AIVSSHQDIW VTTAQQLATA FRAHGLPIGL ITSLGPGEKG ATEVCKQLHS VHGLKIVVLC MHSALLGGLE QTVLLRCARE EGLTDGRLVF LPYDTLLFAL PYRNRSYLVL DDDGPLQEAY DAVLTISLDT SPESHAFTAT KMRGGAAANL GPEQVSPLFG TIYDAVILLA HALNHSETHG TGLSGAHLGN HIRALDVAGF SORIRIDGKG RRLPQYVILD TNGEGSQLVP THILDVSTQQ VQPLGTAVHF PGGSPPAHDA SCWFDPNTLC IRGVQ Specificity: Rattus norvegicus (Rat) 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. > 90 % Purity:

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Target Details

Target:	GUCY2D
Alternative Name:	Olfactory guanylyl cyclase GC-D (Gucy2d) (GUCY2D Products)
Background:	Recommended name: Olfactory guanylyl cyclase GC-D. EC= 4.6.1.2. Alternative name(s): Guanylate cyclase, olfactory
UniProt:	P51839
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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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