Datasheet for ABIN1474116

Glycogen Synthase 2 Protein (AA 1-704) (His tag)

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Overview

Quantity:	1 mg
Target:	Glycogen Synthase 2 (GYS2)
Protein Characteristics:	AA 1-704
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Glycogen Synthase 2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MLRGRSLSVT SLGGLPAWEA ERLPVEDLLL FEVSWEVTNK VGGICTVIQS KAKTTANEWG ENYFLIGPYF EHNVKTQVEP CEPANDAVRK AVDAMNKHGC QVHFGRWLIE GSPYVVLFDI SSSVWNLDRW KGDFWEACGV GIPHDDREAN DMLIFGSLTA WFLKEVTDHA DGKHVIAQFH EWQAGTGLIL SRARKLPIAT IFTTHATLLG RYLCAANIDF YNQLDKFNID KEAGERQIYH RYCMERASVH CAHVFTTVSE ITAIEADHML KRKPDVVTPN GLNVKKFSAV HEFQNLHATY KARIQDFVRG HFYGHLDFDL EKTLFLFIAG RYEFSNKGAD IFLESLSRLN FLLRMHKSNV TVVVFFIMPA KTNNFNVETL KGQAVRKQLW DTVHCMKEKF GKKLYDGLLR GEIPDMNSIL DRDDLTIMKR AIFSTQRHSL PPVTTHNMID DSTDPILSTI RRIGLFNNRT DRVKVILHPE FLSSTSPLLP MDYEEFVRGC HLGVFPSYYE PWGYTPAECT VMGIPSVTTN LSGFGCFMQE HVADPTAYGI YIVDRRFRSP DDSCNQLTQF LYGFCKQSRR QRIIQRNRTE RLSDLLDWRY LGRYYQHARH LTLSRAFPDK FHLEPTSPPT TDGFKYPRPS SVPPSPSGSQ TSSPQSSDVE NEGDEDERYD EEEEAERDRL NIKSPFSLNH IPKGKKKLHG EYKN

Product Details

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.
Purity:	> 90 %

Target Details

Target:	Glycogen Synthase 2 (GYS2)
Alternative Name:	Glycogen [starch] synthase, liver (Gys2) (GYS2 Products)
Background:	Recommended name: Glycogen [starch] synthase, liver. EC= 2.4.1.11
UniProt:	P17625
Pathways:	AMPK Signaling, Cellular Glucan Metabolic Process

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

Handling

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