



Recombinant Rat Glycogen [starch] synthase, muscle (Gys1)

Product Code	CSB-MP383396RA
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	A2RRU1
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	PLSRSLSMS SLPGLDWD EFDPENAVLF EVAWEVANKV GGIYTVLQTK AKVTGDEWGD NYLVLGYPYTE QGVRTQVELL EPPTPELKRT LDSMNSKGCK VYFGRWLI EG GPLVLLDVG ASAWALERWK GELWDTCNIG VPWYDREAND AVLFGFLT TW FLGEFLAQNE EKPYVVAHFH EWLAVGVLCL CRARRLPVAT IFTTHATLLG RYLCAGAVDF YNNLENFNVD KEAGERQIYH RYCMERAAAH CAHVFTTVSQ ITAIEAQHLL KRKPDIVTPN GLNVKKFSAM HEFQNLHAQS KARIQEFVRG HFYGHLDLDFNL DKTLYFFIAG RYEFNSKGD IFLEALARLN YLLRVNGSEQ TVVAFFIMPA RTNNFNVELT KGQAVRKQLW DTANTVKEKF GRKLYESLLV GSLPDMNKML DKEDFTMMKR AIFATQRQSF PPVCTHNMLD DSSDPILTTI RRIGLFNSSA DRVKVIFHPE FLSSTSPLLP VDYEEFVRGC HLGVFPSYIE PWGYTPAECT VMGIPSISTN LSGFGCFMEE HIADPSAYGI YILDRRFRSL DDSCSQLTSF LYSFCQQSRR QRIQRNRTE RLSDLLDWKY LGRYYMSARH MALAKAFPDH FTYEPHEVDA TQGYRYPRPA SVPPSPSLSR HSSPHQSEDE EEPDRDGLRE DSERYDEEEE AAKDRRNIRA PEWPRRASCS SSTGGSKRSN SVDTGPSSSL STPTEPLSPT SSLGEERN
Source	Mammalian cell
Target Names	Gys1
Protein Names	Recommended name: Glycogen [starch] synthase, muscle EC= 2.4.1.11
Expression Region	2-738
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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