



Recombinant Human Glycogen [starch] synthase, muscle (GYS1)

Product Code	CSB-MP010078HU
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.	P13807
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MPLNRTL SMS SLPGLDWD EFDLENVLF EVAWEVANKV GGIYTVLQTK AKVTGDEWGD NYFLVGPYTE QGVRTQVELL EAPTPALKRT LDSMNSKGCK VYFGRWLI EG GPLVVLLDVG ASAWALERWK GELWDT CNIG VPWYDREAND AVLFGFLT TW FLGEFLAQSE EKPHVVAHFH EWL AGVGLCL CRARRLPVAT IFTTHATLLG RYLCAGAVDF YNNLENFNVD KEAGERQIYH RYCMERAAAH CAHVFTTVSQ ITAIEAQHLL KRKPDIVTPN GLNVKKFSAM HEFQNLHAQS KARIQEFVRG HFYGHLD FNL DKTLYFFIAG RYEF SNKGAD VFLEALARLN YLLRVNGSEQ TVVAFFIMPA RTNNFNVELT KGQAVRKQLW DTANTVKEKF GRKLYESLLV GSLPDMNKML DKEDFTMMKR AIFATQRQSF PPVCTHNMLD DSSDPILTTI RRIGLFNSSA DRVKVIHPE FLSSTSP LLP VDYE EFVRGC HLGVFPSY YE PWGYTPAECT VMGIPSISTN LSGFGCFMEE HIADPSAYGI YILDRRFRSL DDSCSQLTSF LYSFCQQSRR QR IIQRNRTE RLSDLLDWKY LGRYYMSARH MALSKAFPEH FTYEPNEADA AQGYRYRPA SVPPSPSLSR HSSPHQSEDE EDPRNGPLEE DGERYDEDEE AAKDRRNIRA PEWPRRASCT SSTSGSKRNS VDTATSSSLS TPSEPLSPTS SLGEERN
Source	Mammalian cell
Target Names	GYS1
Protein Names	Recommended name: Glycogen [starch] synthase, muscle EC= 2.4.1.11
Expression Region	1-737
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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