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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GYS1 (Human) Recombinant Protein (P02)

Catalog Number: H00002997-P02

Regulation Status: For research use only (RUO)

Product Description: Human GYS1 full-length ORF (NP_002094.2, 1 a.a. - 737 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPLNRTLMSSSLPGLEDWEDEFDLENVLFVAVWEVA
NKVGGIYTVLQTKAKVTGDEWGDNYFLVGPYTEQGV
RTQVELLEAPTPALKRTLDSMNSKGCKVYFGRWLIEG
GPLVVLLDVGASAWALERWKGELWDTCNIGVPWYDR
EANDAVLFGFLTTFWFLGFLAQSEEKPHVVAHFHEWL
AGVGLCLCRARRLPVATIFTTHATLLGRYLCAGAVDFY
NNLENFNVDKEAGERQIYHRYCMERAAAHCAHVFTTV
SQITAIEAQHLLKRKPDIVTPNGLNVKKFSAMHEFQNL
HAQSKARIQEFVRGHFYGHLDNFNDKTLFFIAGRYEF
SNKGADVFLALARLNYLLRVNGSEQTVVAFFIMPART
NNFNVETLKGQAVRKQLWDTANTVKEKFGKRLYESLL
VGSLPDMNKMLDKEDFTMMKRAIFATQRQSFPPVCTH
NMLDDSSDPILTTIRRIGLFNSSADRVKVFHPEFLSSTS
PLLPVDYEEFVRGCHLGVFSPSYEPWGYTPAECTVM
GIPSISTNLSGFGCFMEEHIADPSAYGIYILDRRFRSLD
DSCSQLTSFLYSFCQQSRRQRIQRNRTERLSDLLDW
KYLGRYYMSARHMALSKAFPEHFTYEPNEADAAQGY
RYPRPASVPPSPSLSRHSSPHQSEDEEDPRNGPLEE
DGERYDEDEEAAKDRRNIRAPEWPRRASCTSSSTSGS
KRNSVDTATSSSLSTPSEPLSPTSSLGEERN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 110.2

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2997

Gene Symbol: GYS1

Gene Alias: GSY, GYS

Gene Summary: The protein encoded by this gene catalyzes the addition of glucose monomers to the growing glycogen molecule through the formation of alpha-1,4-glycoside linkages. Mutations in this gene are associated with muscle glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene]