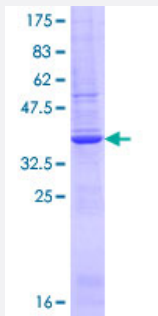


GYS2 (Human) Recombinant Protein (Q01)

Catalog # H00002998-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GYS2 partial ORF (NP_068776.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLRGRSLSVTSLGGLPQWEVEELPVEELLLFEVAWEVTNKVGGIYTVIQTAKTTADEWGENYFLI GPYFEHNMKTQVEQCEPVNDAVRRRAVDAMNKHGC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GYS2

Entrez GeneID	2998
GeneBank Accession#	NM_021957
Protein Accession#	NP_068776.1
Gene Name	GYS2
Gene Alias	-
Gene Description	glycogen synthase 2 (liver)
Omim ID	138571 240600
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Insulin signaling pathway](#)
- [Starch and sucrose metabolism](#)

Disease

- [Diabetes Mellitus](#)
- [Drug Toxicity](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis](#)
- [Hypercholesterolemia](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)