

## Recombinant Human GYG2 Protein, MYC/DDK-tagged

Cat. No. GYG2-2546H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GYG2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the the glycogenin family. Glycogenin is a self-glucosylating protein involved in the initiation reactions of glycogen biosynthesis. A gene on chromosome 3 encodes the muscle glycogenin and this X-linked gene encodes the glycogenin mainly present in liver; both are involved in blood glucose homeostasis. This gene has a short version on chromosome Y, which is 3' truncated and can not make a functional protein. Multiple alternatively spliced transcript variants encoding different isoforms have been identified
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	51.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	GYG2 glycogenin 2 [ Homo sapiens ]
<b>Official Symbol</b>	GYG2
<b>Synonyms</b>	GN-2; GN2
<b>Gene ID</b>	8908
<b>mRNA Refseq</b>	NM_001079855
<b>Protein Refseq</b>	NP_001073324
<b>MIM</b>	300198
<b>UniProt ID</b>	O15488

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