

Recombinant Human GYG2 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GYG2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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