

Recombinant Mouse Gfpt2 Protein, Myc/DDK-tagged

Cat. No. Gfpt2-3196M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glutamine fructose-6-phosphate transaminase 2 (Gfpt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Controls the flux of glucose into the hexosamine pathway. Most likely involved in regulating the availability of precursors for N- and O-linked glycosylation of proteins.
Molecular Mass	77 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Gfpt2 glutamine fructose-6-phosphate transaminase 2 [Mus musculus (house mouse)]
Official Symbol	Gfpt2
Synonyms	Gfpt2; glutamine fructose-6-phosphate transaminase 2; GFAT; GFAT2; AI480523; glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2; D-fructose-6-phosphate amidotransferase 2; GFAT 2; glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 2; glutamine:fructose-6-phosphate amidotransferase 2; hexosephosphate aminotransferase 2; EC 2.6.1.16
Gene ID	14584
mRNA Refseq	NM_013529
Protein Refseq	NP_038557
UniProt ID	Q9Z2Z9

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