

## Recombinant Mouse Gfpt2 Protein, Myc/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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<b>Gene Name</b>	Gfpt2 glutamine fructose-6-phosphate transaminase 2 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Gfpt2
<b>Synonyms</b>	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
<b>Gene ID</b>	14584
<b>mRNA Refseq</b>	NM_013529
<b>Protein Refseq</b>	NP_038557
<b>UniProt ID</b>	Q9Z2Z9

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