

Recombinant Mouse Ggh Protein, Myc/DDK-tagged

Cat. No. Ggh-3201M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length gamma-glutamyl hydrolase (Ggh), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Hydrolyzes the polyglutamate sidechains of pteroylpolyglutamates. Progressively removes gamma-glutamyl residues from pteroylpoly-gamma-glutamate to yield pteroyl-alpha-glutamate (folic acid) and free glutamate. May play an important role in the bioavailability of dietary pteroylpolyglutamates and in the metabolism of pteroylpolyglutamates and antifolates. Acts as endopeptidase. Lysosomal enzyme is activated by sulfhydryl compounds.
Molecular Mass	35.4 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Ggh gamma-glutamyl hydrolase [*Mus musculus* (house mouse)]

Official Symbol Ggh

Synonyms Ggh; gamma-glutamyl hydrolase; gamma-; gamma-GH; gamma-glutamyl hydrolase; FGPH; GH; conjugase; folylpolyglutamate hydrolase; gamma-Glu-x carboxypeptidase; EC 3.4.19.9

Gene ID 14590

mRNA Refseq NM_010281

Protein Refseq NP_034411

UniProt ID Q9Z0L8

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