

## Product datasheet for **TP504547**

### Ggh (NM\_010281) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse gamma-glutamyl hydrolase (Ggh), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204547 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MANLGYLLCLLGLLLCGLSSPGMSRPYNHGSERPIIGVVMQECFGKMAKLGNYIIAASVVKYIESAGARV VPIRPDLSDAEYEELFRSINGVLLPGGGANLTDSGYSRVAKIFFSKALESFDNGGHFPVWGTCCLGFEELS VLVSGENLLTSTDTKSKKLPLNFTEGARKSRMFKHFPTTELLDSLALENLTANFHKWSLSVKNFTENEKLLK KFFNILTTNTDGKTEFISSMEGFKYPVYAVQWHPEKAPFEWKNLGGISHAPNAVKTSFYLAEFLVSEARK NSHHFENVVKETASLIYKVYPIYTGNISSFQAYMFD  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	35.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_034411</a>
Locus ID:	14590
UniProt ID:	<a href="#">Q9Z0L8</a>



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RefSeq Size: 1340

Cytogenetics: 4 A3

RefSeq ORF: 954

Synonyms: gamma-GH

**Summary:** 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. [UniProtKB/Swiss-Prot Function]