

# Recombinant Human GGH protein(219-293aa), His-GST&Myc-tagged

**Cat. No.** GGH-1331H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GGH protein(Q92820)(219-293aa), fused with N-terminal His and GST tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 219-293aa                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                |
| <b>Molecular Mass</b>   | 43.9 kDa                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                    |                                                                                 |
|--------------------|---------------------------------------------------------------------------------|
| <b>AA Sequence</b> | TNTDGKIEFISTMEGYKYPVYGVQWHPEKAPYEWKNLDGISHAPNAVKTAFYLAEFF<br>VNEARKNNHHFKSESEEE |
|--------------------|---------------------------------------------------------------------------------|

## GENE INFORMATION

|                  |                                                                                              |
|------------------|----------------------------------------------------------------------------------------------|
| <b>Gene Name</b> | GGH gamma-glutamyl hydrolase (conjugase, foylpolypogammaglutamyl hydrolase) [ Homo sapiens ] |
|------------------|----------------------------------------------------------------------------------------------|

|                        |     |
|------------------------|-----|
| <b>Official Symbol</b> | GGH |
|------------------------|-----|

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|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | GGH; gamma-glutamyl hydrolase (conjugase, foylpolypogammaglutamyl hydrolase); gamma-glutamyl hydrolase; gamma-Glu-X carboxypeptidase; GH; |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|

|                |      |
|----------------|------|
| <b>Gene ID</b> | 8836 |
|----------------|------|

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|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_003878 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_003869 |
|-----------------------|-----------|

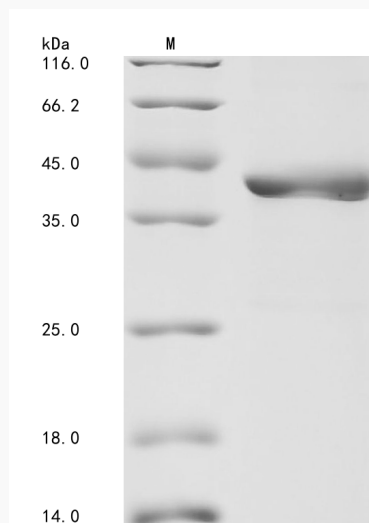
|            |        |
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| <b>MIM</b> | 601509 |
|------------|--------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q92820 |
|-------------------|--------|

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**SDS-PAGE**

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