

# Native Porcine Gamma-Glutamyltransferase 1

**Cat. No.** GGT1-371P    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Native porcineGGT1 was expressed in Porcine Kidney.                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Porcine Kidney                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | GGT1 isprimarily a liver enzyme involved in the transfer of amino acids across thecellular membrane and in glutathione metabolism. GGT1 is found on the surfaceof all cells, with particularly high concentrations in the liver, bile ducts,and kidney. Elevated GGT1 is a diagnostic marker for type of liver damage andother conditions related to alcohol abuse. It is used clinically todifferentiate between liver or bile duct disorders and bone disease. |
| <b>Form</b>             | Lyophilized.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>SpecificActivity</b> | Typically>12 U/mg powder @ 37°C.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | Store at-20°C. 1 year.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>OfficialSymbol</b>   | GGT1                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## GENE INFORMATION

|                  |                                                       |
|------------------|-------------------------------------------------------|
| <b>Gene Name</b> | GGT1gamma-glutamyltransferase 1 [ <i>Sus scrofa</i> ] |
|------------------|-------------------------------------------------------|

 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

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | GGT1; gamma-glutamyltransferase1; gamma-glutamyl transferase; gamma-glutamyltranspeptidase 1; gamma-glutamyltranspeptidase; EC 2.3.2.2; GGT 1; CD224; Gamma-glutamyltranspeptidase 1heavy chain; Gamma-glutamyltranspeptidase 1 light chain; GGT |
| <b>Gene ID</b>             | <a href="#">397095</a>                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>         | <a href="#">NM_214030</a>                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>      | <a href="#">NP_999195</a>                                                                                                                                                                                                                        |
| <b>UniProt ID</b>          | P20735                                                                                                                                                                                                                                           |
| <b>Chromosome Location</b> | 14                                                                                                                                                                                                                                               |
| <b>Pathway</b>             | Arachidonic acid metabolism; Cyanoamino acid metabolism; Glutathionemetabolism; Metabolic pathways; Taurine and hypotaurine                                                                                                                      |

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