

## Recombinant Human GLTP, GST-tagged

Cat. No. GLTP-13318H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human GLTP protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                                                                                                                                                                            |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Source           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ProteinLength    | 1-209a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Description      | This gene is a member of a gene family that encodes gamma-glutamyl transpeptidase enzymes. This enzyme consists of a heavy and a light chain, and is able to hydrolyze the gamma-glutamyl moiety of glutathione. It converts leukotriene C4 to leukotriene D4, however, it doesn't convert synthetic substrates that are commonly used to assay gamma-glutamyl transpeptidase. Three transcript variants encoding different isoforms have been found for this gene. |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                                                           |
| Storage Buffer   | 1M PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                                                                                                                                                                                                                                       |

### GENE INFORMATION

|           |                                                   |
|-----------|---------------------------------------------------|
| Gene Name | GLTP glycolipid transfer protein [ Homo sapiens ] |
|-----------|---------------------------------------------------|

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|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | GLTP                                                                                                                            |
| <b>Synonyms</b>            | glycolipid transfer protein; 24867; Ensembl:ENSG00000139433; glycolipid transfer protein;truncated glycolipid transfer protein; |
| <b>Gene ID</b>             | <a href="#">51228</a>                                                                                                           |
| <b>mRNA Refseq</b>         | <a href="#">NM_016433.3</a>                                                                                                     |
| <b>Protein Refseq</b>      | <a href="#">NP_057517.1</a>                                                                                                     |
| <b>MIM</b>                 | <a href="#">608949</a>                                                                                                          |
| <b>UniProt ID</b>          | <a href="#">Q9NZD2</a>                                                                                                          |
| <b>Chromosome Location</b> | 12q24.11                                                                                                                        |
| <b>Function</b>            | glycolipid binding; glycolipid transporter activity; lipid binding;                                                             |

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