

## Recombinant Mouse Got1 Protein, MYC/DDK-tagged

**Cat. No.** Got1-1043M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse glutamic-oxaloacetic transaminase 1, soluble (Got1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                              |
| <b>Description</b>      | Broad expression in heart adult (RPKM 196.6), liver adult (RPKM 107.5) and 20 other tissues.                                                                        |
| <b>Molecular Mass</b>   | 46.2 kDa                                                                                                                                                            |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                          |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                       |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                      |
| <b>Concentration</b>    | >50 g/mL as determined by microplate BCA method                                                                                                                     |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                               |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Got1 glutamic-oxaloacetic transaminase 1, soluble [ Mus musculus (house mouse) ]                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b> | Got1                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | Got1; glutamic-oxaloacetic transaminase 1, soluble; cCAT; Got-1; cAspAT; AI789014; aspartate aminotransferase, cytoplasmic; cysteine aminotransferase, cytoplasmic; cysteine transaminase, cytoplasmic; cytosolic aspartate aminotransferase; glutamate oxaloacetate transaminase 1, soluble; transaminase A; EC 2.6.1.1; EC 2.6.1.3 |
| <b>Gene ID</b>         | 14718                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_010324                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_034454                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>      | P05201                                                                                                                                                                                                                                                                                                                               |

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