

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

**Cat. No.** Agxt-555M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse alanine-glyoxylate aminotransferase (Agxt), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                 |
| <b>Description</b>      | Dual metabolic roles of gluconeogenesis (in the mitochondria) and glyoxylate detoxification (in the peroxisomes).                                      |
| <b>Molecular Mass</b>   | 45.9 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 µg/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>       | <a href="#">Agxt alanine-glyoxylate aminotransferase [ Mus musculus (house mouse) ]</a>                                                                                                                                                                               |
| <b>Official Symbol</b> | <a href="#">Agxt</a>                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | Agxt; alanine-glyoxylate aminotransferase; AGT; SPT; Agt1; Agxt1; serine--pyruvate aminotransferase, mitochondrial; serine--pyruvate aminotransferase, peroxisomal; alanine-glyoxylate aminotransferase 1; serine-pyruvate aminotransferase; EC 2.6.1.44; EC 2.6.1.51 |
| <b>Gene ID</b>         | <a href="#">11611</a>                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | <a href="#">NM_016702</a>                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | <a href="#">NP_057911</a>                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>      | <a href="#">O35423</a>                                                                                                                                                                                                                                                |

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