

Recombinant Mouse Agxt2 protein, His & T7-tagged

Cat. No. Agxt2-1030M **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Mouse Agxt2 aa. (Met226~Lys513 (Accession # Q3UEG6) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| Species | Mouse |
| Source | E.coli |
| ProteinLength | Met226~Lys513 |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 35.6kDa. |
| Endotoxin | <1.0EU per 1g (determined by the LAL method) |
| Purity | >90% |
| Characteristic | The isoelectric point is 6.1. |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| Stability | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

[Agxt2 alanine-glyoxylate aminotransferase 2 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Agxt2](#)

Synonyms

Agxt2; alanine-glyoxylate aminotransferase 2; AI303810; AI663818; alanine--glyoxylate aminotransferase 2, mitochondrial; (R)-3-amino-2-methylpropionate--pyruvate transaminase; AGT 2; D-AIBAT; beta-ALAAT II; beta-alanine-pyruvate aminotransferase

Gene ID

[268782](#)

mRNA Refseq

[NM_001310735.1](#)

Protein Refseq

[NP_001297664.1](#)

UniProt ID

[Q3UEG6](#)

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