

Recombinant Mouse Agxt Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse alanine-glyoxylate aminotransferase (Agxt), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Dual metabolic roles of gluconeogenesis (in the mitochondria) and glyoxylate detoxification (in the peroxisomes).
Molecular Mass	45.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Agxt alanine-glyoxylate aminotransferase [Mus musculus (house mouse)]
Official Symbol	Agxt
Synonyms	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
Gene ID	11611
mRNA Refseq	NM_016702
Protein Refseq	NP_057911
UniProt ID	O35423

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