



# Recombinant Mouse Serine--pyruvate aminotransferase, mitochondrial (Agxt)

<b>Product Code</b>	CSB-EP001468MO-B
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O35423
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SYQLLVPPPEALSKPLSVPTRLLLGGPSNLAPRVLAAGSLRMIGHMQKEMLQI MEEIKQGIQYVFQTRNPLTLVSGSGHCAMETALFNLLEPGDSFLTGTNGIWG MRAAEIADRIGARVHQMIIKKGGEHYTLQEVEEGLAQHKPVLLFLVHGESSTGV VQPLDGFGECHRYQCLLLVDSVASLGGVPIYMDQQGIDIMYSSSQKVLNAPP GISLISFNDKAKYKVYSRKTTPVSYFYTDITYLAKLWGCGETRVIHHTTPVTSLY CLRESLALIAEQGLENCWRRHREATAHLHKHLQEMGLKFFVKDPEIRLPTITTV TVPAGYNWRDIVSYVLDHFSIEISGGLGPTTEERVLRIGLLGYNATTENVDRVAE ALREALQHCPKNKL
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	Agxt
<b>Expression Region</b>	25-414aa
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene is expressed only in the liver and the encoded protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification. Mutations in this gene, some of which alter subcellular targeting, have been associated with type I primary hyperoxaluria.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.