

## Recombinant Mouse Got2 protein, His-tagged

Cat. No. Got2-1028M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Got2 aa. (Ser30~Lys430 (Accession # P05202) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser30~Lys430
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	46kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 9.0.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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 liquid form in Phosphate buffered saline(PBS), pH 7.4.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

Got2 glutamatic-oxaloacetic transaminase 2, mitochondrial [ *Mus musculus* (house mouse) ]

**Official Symbol**

Got2

**Synonyms**

Got2; glutamatic-oxaloacetic transaminase 2, mitochondrial; Got-2; Kyat4; mAspAT; FABP-pm; AL022787; aspartate aminotransferase, mitochondrial; FABP-1; FABPpm; fatty acid-binding protein; glutamate oxaloacetate transaminase 2, mitochondrial; kynurenine aminotransferase 4; kynurenine aminotransferase IV; kynurenine--oxoglutarate transaminase 4; kynurenine--oxoglutarate transaminase IV; mitochondrial aspartate aminotransferase; plasma membrane fatty acid binding protein; plasma membrane-associated fatty acid-binding protein; transaminase A

**Gene ID**

14719

**mRNA Refseq**

NM\_010325.2

**Protein Refseq**

NP\_034455.1

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UniProt ID

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