

Recombinant Mouse Otc protein, His & T7-tagged

Cat. No. Otc-7040M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Otc aa. (His107~Gln350 (Accession # P11725)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	His107~Gln350
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
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Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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GENE INFORMATION

Gene Name	Otc ornithine transcarbamylase [Mus musculus (house mouse)]
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Official Symbol	Otc
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Synonyms	Otc; ornithine transcarbamylase; Sf; spf; A1265390; ornithine carbamoyltransferase, mitochondrial; OTCase
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Gene ID	18416
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mRNA Refseq	NM_008769.4
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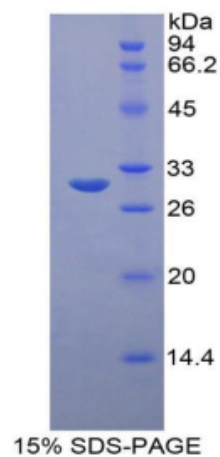
Protein Refseq	NP_032795.1
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UniProt ID	P11725
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SDS-PAGE

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