

## Recombinant Mouse Eno3 protein, His-tagged

Cat. No. Eno3-6955M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Eno3 aa. (Met3~Lys434 (Accession # P21550)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met3~Lys434
<b>Description</b>	This gene encodes one of the three enolase isoenzymes found in vertebrates. Enolase is a dimeric enzyme that converts 2-phosphoglycerate to phosphoenolpyruvate as part of the glycolytic pathway. This isozyme is found in skeletal muscle where it is involved in muscle development and regeneration. Alternative splicing results in multiple transcript variants.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	48 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.9.

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<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Eno3 enolase 3, beta muscle [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Eno3</a>
<b>Synonyms</b>	Eno3; enolase 3, beta muscle; MSE; Eno-3; beta-enolase; 2-phospho-D-glycerate hydro-lyase; muscle-specific enolase; skeletal muscle enolase
<b>Gene ID</b>	<a href="#">13808</a>
<b>mRNA Refseq</b>	<a href="#">NM_001136062.2</a>
<b>Protein Refseq</b>	<a href="#">NP_001129534.1</a>
<b>UniProt ID</b>	<a href="#">P21550</a>

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