

Recombinant Mouse Eno3 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Eno3 aa. (Met3~Lys434 (Accession # P21550)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met3~Lys434
Description	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.
Form	Freeze-dried powder
Molecular Mass	48 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.

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

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