

Active Recombinant Mouse ENO2 protein, His-tagged

Cat. No. ENO2-0553M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ENO2 protein(Met1-Met431), fused with His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	1-431 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 20 mM Tris, 0.5 M Arginine, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Mouse NSE, His Tag at 1 µg/mL (100 µL/well) can bind Anti-NSE Antibody with a linear range of 0.004-0.125 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 49.3 kDa. The protein migrates as 47-50 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Met1-Met431
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.

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Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

Eno2 enolase 2, gamma neuronal [*Mus musculus*]

Official Symbol

ENO2

Synonyms

ENO2; enolase 2, gamma neuronal; gamma-enolase; neural enolase; neuron-specific enolase; 2-phospho-D-glycerate hydro-lyase; NSE; Eno-2; AI837106; D6Erttd375e;

Gene ID

13807

mRNA Refseq

NM_013509

Protein Refseq

NP_038537

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