

Recombinant Rat Eno1 protein, His-tagged

Cat. No. Eno1-207R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Eno1(Met1-Lys434) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Lys434
Predicted N Terminal	Met
Form	Lyophilized from sterile 50 mM Tris, 10 % Glycerol, pH 8.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant rat Eno1 consists 452 amino acids and predicts a molecular mass of 49.4 kDa.
Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated

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freeze-thaw cycles.

Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name

[Eno1 enolase 1, \(alpha\) \[Rattus norvegicus \]](#)

Official Symbol

[Eno1](#)

Synonyms

ENO1; enolase 1, (alpha); alpha-enolase; NNE; non-neural enolase; enolase 1, alpha non-neuron; 2-phospho-D-glycerate hydro-lyase;

Gene ID

[24333](#)

mRNA Refseq

[NM_001109908](#)

Protein Refseq

[NP_001103378](#)

MIM
UniProt ID

[P04764](#)

**Chromosome
Location**

5q36

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Pathway

Gluconeogenesis, organism-specific biosystem; Gluconeogenesis, oxaloacetate => fructose-6P, organism-specific biosystem; Gluconeogenesis, oxaloacetate => fructose-6P, conserved biosystem; Glucose metabolism, organism-specific biosystem; Glycolysis, organism-specific biosystem;

Function

lyase activity; magnesium ion binding; phosphopyruvate hydratase activity; phosphopyruvate hydratase activity; phosphopyruvate hydratase activity; protein heterodimerization activity; protein homodimerization activity;

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