

Recombinant Human ENO2 Protein, His-tagged

Cat. No. ENO2-507H Lot. No. (See product label)

SPECIFICATION

| | |
|-----------------------------|--|
| Product Overview | Recombinant mature form of human ENO2 (P09104) (Met 1-Leu 434) was fused with a polyhistidine tag at the C-terminus. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-434 a.a. |
| Predicted N Terminal | Met 1 |
| Form | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol. |
| Molecular Mass | The recombinant human ENO2 comprises 444 amino acids and has a calculated molecular mass of 48.6KDa. It migrates as an approximately 48 kDa band as predicted in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Purity | >97 % as determined by SDS-PAGE. |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |
| Storage | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name ENO2 enolase 2 (gamma, neuronal) [Homo sapiens]

Official Symbol ENO2

Synonyms ENO2; enolase 2 (gamma, neuronal); gamma-enolase; neural enolase; neuron-specific enolase; neurone-specific enolase; neuron specific gamma enolase; 2-phospho-D-glycerate hydrolyase; 2-phospho-D-glycerate hydro-lyase; NSE;

Gene ID 2026

mRNA Refseq NM_001975

Protein Refseq NP_001966

MIM 131360

UniProt ID P09104

Chromosome Location 12p13

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA