

Recombinant Human ENO3 protein, His-tagged

Cat. No. ENO3-3448H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENO3 protein(94-434 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	94-434 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MIELDGTENKSKFGANAILGVSLAVCKAGAAEKGVPLYRHIADLAGNPDLILPVPAFN VINGGSHAGNKLAMQEFMILPVGASSFKEAMRIGAEVYHHLKGVKAKYGKDATNVG DEGGFAPNILENNEALELLKTAIQAAGYPDKVVIGMDVAASEFYRNGKYDLDFKSPD DPAHITGEKLGELYKSFKNYPVVSIEDPFDQDDWATWTSFLSGVNIQIVGDDLTVT NPKRIAQAVEKKACNCLLLKVNQIGSVTESIQACKLAQSNGWGMVSHRSGETEDT FIADLVVGLCTGQIKTGAPCRSERLAKYNQLMRIEEALGDKAIFAGRKFERNPKAK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

 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

cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

ENO3 enolase 3 (beta, muscle) [Homo sapiens]

Official Symbol

ENO3

Synonyms

ENO3; enolase 3 (beta, muscle); enolase 3, (beta, muscle); beta-enolase; muscle-specific enolase; skeletal muscle enolase; 2-phospho-D-glycerate hydrolyase; MSE; GSD13;

Gene ID

2027

mRNA Refseq

NM_001193503

Protein Refseq

NP_001180432

MIM

131370

UniProt ID

P13929

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