

Recombinant Full Length Human ENO3 Protein

Cat. No. ENO3-149HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ENO3 with N terminal proprietary tag; Predicted MWt 73.48 kDa, inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	434 amino acids
Description	This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme is found in skeletal muscle cells in the adult where it may play a role in muscle development and regeneration. A switch from alpha enolase to beta enolase occurs in muscle tissue during development in rodents. Mutations in this gene have been associated glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	Liquid
Molecular Mass	73.480kDa inclusive of tags
AA Sequence	MAMQKIFAREILDSRGNPTVEVDLHTAKGRFRAAVPSGAS TGIYEALRLRDGDKGR YLGKGVKAVENINSTLGPALLQK KLSVADQEKVDKFMIELDGTENKSKFGANAILG VSLAVCK AGAAEKGVPLYRHIADLAGNPDLILPVPAFNVINGGSHAG NKLAMQEFMI LPVGASSFKEAMRIGAEVYHHLKGVKAKY GKDATNVGDEGGFAPNILENNEALELL KTAIQAAAGYPDKV VIGMDVAASEFYRNGKYDLDFKSPDDPARHITGEKLGELY KSFI

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KNYPVVSIEDPFDQDDWATWTSFLSGVNIQIVGDDL TVTNPKRIAQAVEKKACNCLL
 LKVNQIGSVTESIQACKLA QSNGWGVMSHRSGETEDTFIADLVVGLCTGQIKTGA
 PCR SERLAKYNQLMRIEEALGDKAIFAGRKFRNPKAK

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID 2027

mRNA Refseq NM_001193503

Protein Refseq NP_001180432

MIM 131370

UniProt ID P13929

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