

Recombinant Human ENO1 Protein

Cat. No. ENO1-004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human ENO1 protein (1-434) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-434
Description	This gene encodes alpha-enolase, one of three enolase isoenzymes found in mammals. Each isoenzyme is a homodimer composed of 2 alpha, 2 gamma, or 2 beta subunits, and functions as a glycolytic enzyme. Alpha-enolase in addition, functions as a structural lens protein (tau-crystallin) in the monomeric form. Alternative splicing of this gene results in a shorter isoform that has been shown to bind to the c-myc promoter and function as a tumor suppressor. Several pseudogenes have been identified, including one on the long arm of chromosome 1. Alpha-enolase has also been identified as an autoantigen in Hashimoto encephalopathy.
Form	20 mM HEPES, pH 7.5, 150 mM sodium chloride, and 5% glycerol
Molecular Mass	47.74 kDa
Purity	≥95% estimated by SDS-PAGE

 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

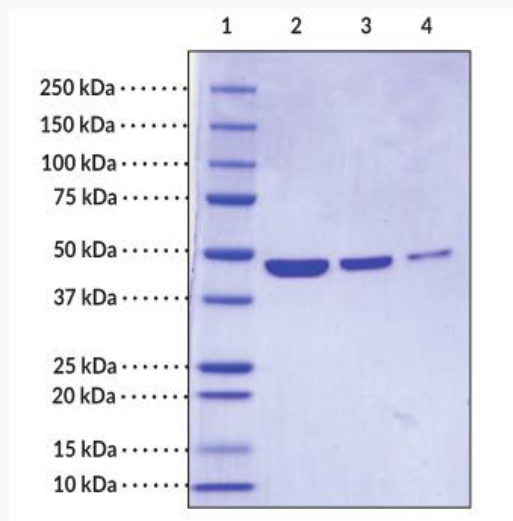
Stability	≥ 1 year
Storage	Store at -80 centigrade
Shipping	Dry ice in continental US; may vary elsewhere
GENE INFORMATION	
Gene Name	ENO1 enolase 1 [Homo sapiens (human)]
Official Symbol	ENO1
Synonyms	ENO1; enolase 1; NNE; PPH; MPB1; ENO1L1; HEL-S-17; alpha-enolase; c-myc promoter-binding protein-1; 2-phospho-D-glycerate hydro-lyase; MYC promoter-binding protein 1; alpha enolase like 1; enolase 1, (alpha); enolase-alpha; epididymis secretory protein Li 17; non-neural enolase; phosphopyruvate hydratase; plasminogen-binding protein; tau-crystallin; EC 4.2.1.11
Gene ID	2023
mRNA Refseq	NM_001201483
Protein Refseq	NP_001188412
MIM	172430
UniProt ID	P06733

 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

**SDS-PAGE analysis
of citrullinated α -
enolase.**



Lane 1: MW Markers

Lane 2: α -Enolase (5 g)

Lane 3: α -Enolase (2.5 g)

Lane 4: α -Enolase (1 g)