

# Recombinant Full Length Human ENO2 Protein, GST-tagged

Cat. No. ENO2-4304HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ENO2 full-length ORF ( AAH02745, 1 a.a. - 434 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	434 amino acids
<b>Description</b>	This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	73.26 kDa
<b>AA Sequence</b>	MSIEKIWAREILDSRGNPTVEVDLYTAKGLFRAAVPSGASTGIYEALELRDGDKQRYL GKGVLKAVDHINSTIAPALISSGLSVVEQEKLNDLMLLELDGTENKSKFGANAILGVSLA VCKAGAAERELPLYRHIAQLAGNSDLILPVPAPFNVIINGGSHAGNKLAMQEFMILPVG ESFRDAMRLGAEVYHTLKGVIKDKYGKDATNVGDEGGFAPNILENSEALELVKEAID KAGYTEKIVIGMDVAASEFYRDGKYDLDFKSPDPSRYITGDQLGALYQDFVRDYPV VSIEDPFDQDDWAAWSKFTANVGIQIVGDDLTVTNPKRIERA VEEKACNCLLLKVNQI GSVTEAIQACKLAQENGWGMVSHRSGETEDTFIADLVVGLCTGQIKTGAPCRSER LAKYNQLMRIEEELGDEARFAGHNFRNPSVL

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	ENO2 enolase 2 (gamma, neuronal) [ Homo sapiens ]
<b>Official Symbol</b>	ENO2
<b>Synonyms</b>	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;
<b>Gene ID</b>	2026
<b>mRNA Refseq</b>	NM_001975
<b>Protein Refseq</b>	NP_001966
<b>MIM</b>	131360
<b>UniProt ID</b>	P09104

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