

Recombinant Full Length Human ENO2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human ENO2 full-length ORF (AAH02745, 1 a.a. - 434 a.a.) recombinant protein with GST-tag at N-terminal.
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, 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]
Molecular Mass	73.26 kDa
AA Sequence	MSIEKIWAREILDSRGNPTVEVDLYTAKGLFRAAVPSGASTGIYEALERDGDQKQRYL GKGV LKAVDHINSTIAPALISSGLSVVEQEKL DNLMLELDGTENKSKFGANAILGVSLA VCKAGAAERELPLYRHIAQLAGNSDLILPVPAPFN VINGGSHAGNKLAMQEFMILPVGA ESFRDAMRLGAEVYHTLKGVIKDKY GKDATNVGDEGGFAPNILENSEALELVKEAID KAGYTEKIVIGMDVAASEFYRDGKYDLDFKSP TDP SRYITGDQLGALYQDFVRDYPV VSIEDPFDQDDWAAWSKFTANVGIQIVGDDLTVTNPKRIERAVEEKACNCLLLKVNQI GSVTEAIQACKLAQENGWGVMSHRSGETEDTFIADLVVGLCTGQIKTGAPCRSER LAKYNQLMRIEEELGDEARFAGHNFRNPSVL

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

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

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