

## Recombinant Human ENO2 protein

Cat. No. ENO2-2754H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ENO2 protein(2-434 aa) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-434 aa
<b>Form</b>	Lyophilized from a 0.2 µ filtered concentrated solution in PBS, pH 7.4, with 5 % Trehalose.
<b>Molecular Mass</b>	Approximately 47.1 kDa, a single non-glycosylated polypeptide chain containing 433 amino acids.
<b>AASequence</b>	<p>SIEKIWAREI LDSRGNPTVE VDLYTAKGLF RAAVPSGAST GIYEALRLD            GDKQRYLGKG VLKAVDHINS TIAPALISSG LSVVEQEKLD NLMLELDGTE            NKSFKGANAI LGVSLAVCKA GAAERELPLY RHIAQLAGNS DLILPVPAFN            VINGGSHAGN KLAMQEFMIL PVGAESFRDA MRLGAEVYHT LKGVIKDKYG            KDATNVGDEG GFAPNILENS EALELVKEAI DKAGYTEKIV IGMDVAASEF            YRDGKYDLDF KSPTDPSRYI TGDQLGALYQ DFVRDYPVVS IEDPFDQDDW            AAWSKFTANV GIQIVGDDLT VTNPKRIERA VEEKACNCLL LKVNQIGSVT            EAIQACKLAQ ENGWGVMVSH RSGETEDTFI ADLVVGLCTG QIKTGAPCRS            ERLAKYNQLM RIEEELGDEA RFAGHNFRNP SVL</p>
<b>Endotoxin</b>	Less than 0.1 EU/g of rHuNSE as determined by LAL method.

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<b>Purity</b>	> 95 % by SDS-PAGE analyse.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

## 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

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