

Recombinant Human ENO2 protein

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

SPECIFICATION

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

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Purity	> 95 % by SDS-PAGE analyse.
Storage	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.
Reconstitution	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

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

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