

Native Human Brain Neuron Specific Enolase

Cat. No. ENO2-8235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Brain Neuron Specific Enolase was purified from Human Brain.
Species	Human
Source	Human Brain
Description	NSE is a glycolytic enzyme that catalyzes the conversion of phosphoglycerate to phosphoenol pyruvate. Neuron Specific Enolase is present in neurons, neuroendocrine cells, and amine precursor uptake and decarboxylation (APUD) cells.
Form	Frozen Liquid
Molecular Mass	45 kDa
Purity	>96% by SDS PAGE
Stability	1 year
Storage	-20 °C, Avoid freeze and thaw cycles.
Concentration	Typically >0.7 mg/mL

GENE INFORMATION

Gene Name	ENO2 enolase 2 (gamma, neuronal) [Homo sapiens]
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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
Chromosome Location	12p13
Pathway	Gluconeogenesis, organism-specific biosystem; Gluconeogenesis, oxaloacetate =>fructose-6P, organism-specific biosystem; Gluconeogenesis, oxaloacetate =>fructose-6P, conserved biosystem; Glucose metabolism, organism-specific biosystem; Glycolysis, organism-specific biosystem;
Function	lyase activity; magnesium ion binding; phosphopyruvate hydratase activity;