ENO2 (Human) Native Protein

Catalog # P11026 Size 25 ug

Specification

Product Description	Huamn ENO2 native protein from human brain.
Source	Human Brain
Host	Human
Theoretical MW (kDa)	45
Reactivity	Human
Form	Liquid
Concentration	> 0.5 mg/mL (A
Purity	> 96% as determined by HPLC.
Activity	Enzymatically active
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

Gene Info — ENO2

Entrez GeneID	2026
Gene Name	ENO2
Gene Alias	NSE

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Gene Description	enolase 2 (gamma, neuronal)
Omim ID	131360
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	2-phospho-D-glycerate hydrolyase|enolase 2|neural enolase|neuron specific gamma enolase|neuron-specific enolase

Pathway

- Biosynthesis of alkaloids derived from histidine and purine
- Biosynthesis of alkaloids derived from ornithine
- Biosynthesis of alkaloids derived from shikimate pathway
- Biosynthesis of alkaloids derived from terpenoid and polyketide
- Biosynthesis of phenylpropanoids
- Biosynthesis of plant hormones
- Biosynthesis of terpenoids and steroids
- Glycolysis / Gluconeogenesis
- Metabolic pathways
- RNA degradation

Disease

- Alzheimer disease
- Cerebral Amyloid Angiopathy
- Genetic Predisposition to Disease
- Neuroblastoma
- Schizophrenia

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