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32-2308: ENO2, His Recombinant Protein

Alternative Name : Gamma-enolase,EC 4.2.1.11,2-phospho-D-glycerate hydro-lyase,Neural enolase,Neuron-specific enolase,NSE,Enolase 2,ENO2.

Description

Source : Escherichia Coli. Neuron Specific Enolase Human Recombinant is expressed in E. coli containing 433 amino acids 2-434 fused to an amino terminal hexahistidine tag.The NSE is purified by proprietary chromatographic techniques. NSE is the isoform of the glycolytic enzyme enolase and is expressed primarily in neurons, in normal and neoplastic neuroendocrine cells. NSE is a highly soluble cytoplasmic protein that is readily secreted into the CSF and serum following tissue damage. NSE shows neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons and binds in a calcium-dependent manner to cultured neocortical neurons promoting cell survival.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE. Single band on Western Blot.
Content :	Enolase 2 is supplied in 10mM Tris-HCl (pH 8), 250mM NaCl, 0.5mM DTT, 1.5mM Cysteine, and 50% Glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Please prevent freeze-thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.