

## Product datasheet for **TP762399**

### NSE (ENO2) (NM\_001975) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human enolase 2 (gamma, neuronal) (ENO2), Asn220-Val433, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (Asn220-Val433) of NSE
Tag:	N-His
Predicted MW:	23.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	>80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001966</a>
Locus ID:	2026
UniProt ID:	<a href="#">P09104</a> , <a href="#">Q6FHV6</a>
RefSeq Size:	2423
Cytogenetics:	12p13.31
RefSeq ORF:	1302
Synonyms:	HEL-S-279; NSE



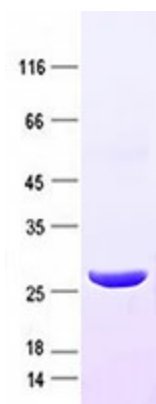
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**Summary:**

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, Jul 2008]

**Protein Pathways:**

Glycolysis / Gluconeogenesis, Metabolic pathways, RNA degradation

**Product images:**

Purified recombinant protein NSE was analyzed by SDS-PAGE gel and Coomassie Blue Staining.