

## Product datasheet for **TP301085L**

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

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human enolase 2 (gamma, neuronal) (ENO2), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC201085 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSIEKIWAREILDSRGNPTVEVDLYTAKGLFRAAVPSGASTGIYEALERDGDQRYLGKGVLKAVDHIN  
STIAPALISSGLSVEQEKLDNLMLELDGTENKSKFGANAILGVSLAVCKAGAAERELPLYRHIAQLAGN  
SDLILPVPAFNVIINGGSHAGNKLAMQEFMILPVGAESFRDAMRLGAEVYHTLKGVIKDKYGKDATNVGDE  
GGFAPNILENSEALELVKEAIDKAGYTEKIVIGMDVAASEFYRDGKYDLDFKSPTDPSRYITGDQLGALY  
QDFVRDYPVVSIEDPFDQDDWAAWSKFTANVGIQIVGDDTLVTNPKRIERAEEKACNCLLLKVNQIGSV  
TEAIQACKLAQENGWGMVSHRSGETEDTFIADLVVGLCTGQIKTGAPCRSERLAKYNQLMRIEELGDE  
ARFAGHNFRNPSVL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 47.1 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**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.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

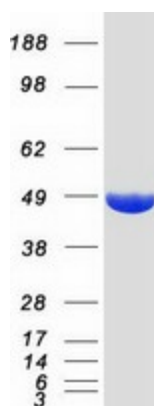
**RefSeq:** [NP\\_001966](#)



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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
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:



Coomassie blue staining of purified ENO2 protein (Cat# [TP301085]). The protein was produced from HEK293T cells transfected with ENO2 cDNA clone (Cat# [RC201085]) using MegaTran 2.0 (Cat# [TT210002]).