

Product datasheet for **TP301085**

NSE (ENO2) (NM_001975) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human enolase 2 (gamma, neuronal) (ENO2), 20 µg

Species: Human

Expression Host: HEK293T

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

MSIEKIWAREILDSRGNPTVEVDLYTAKGLFRAAVPSGASTGIYEALERDGDQRYLGKGVLKAVDHIN
STIAPALISSGLSVEQEKLDNLMLELDGTENKSKFGANAILGVSLAVCKAGAAERELPLYRHIAQLAGN
SDLILPVPAFNVIINGGSHAGNKLAMQEFMILPVGAESFRDAMRLGAEVYHTLKGVIKDKYGKDATNVGDE
GGFAPNILENSEALELVKEAIDKAGYTEKIVIGMDVAASEFYRDGKYDLDFKSPTDPSRYITGDQLGALY
QDFVRDYPVVSIEDPFDQDDWAAWSKFTANVGIQIVGDDLTVTNPKRIERAEEKACNCLLLKVNQIGSV
TEAIQACKLAQENGWGMVSHRSGETEDTFIADLVVGLCTGQIKTGAPCRSERLAKYNQLMRIIEELGDE
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.

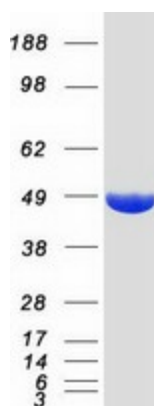
RefSeq: [NP_001966](#)



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Locus ID:	2026
UniProt ID:	P09104 , Q6FHV6
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]).