

Product datasheet for **TP301085M**

NSE (ENO2) (NM_001975) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human enolase 2 (gamma, neuronal) (ENO2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201085 protein sequence Red =Cloning site Green =Tags(s)

MSIEKIWAREILDSRGNPTVEVDLYTAKGLFRAAVPSGASTGIYEALERDGDQRYLGKGVKAVDHN
STIAPALISSGLSVEQEKLNDLMLLELDGTENKSKFGANAILGVSLAVCKAGAAERELPLYRHIAQLAGN
SDLILPVPAFNVIINGGSHAGNKLAMQEFMILPVGAESFRDAMRLGAEVYHTLKGVIKDKYGKDATNVGDE
GGFAPNILENSEALELVKEAIDKAGYTEKIVIGMDVAASEFYRDGKYDLDFKSPTDPSRYITGDQLGALY
QDFVRDYPVVSIEDPFDQDDWAAWSKFTANVGIQIVGDDTLVTNPKRIERAEEKACNCLLLKVNQIGSV
TEAIQACKLAQENGWGMVSHRSGETEDTFIADLVVGLCTGQIKTGAPCRSERLAKYNQLMRIEELGDE
ARFAGHNFRNPSVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

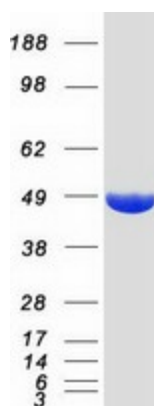
Tag:	C-Myc/DDK
Predicted MW:	47.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>NP_001966</u>



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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]).