

## Product datasheet for **AR09061PU-N**

### Neuron specific enolase (1-434) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Neuron specific enolase (1-434) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MSIEKIWARE ILDSRGNPTV EVDLYTAKGL FRAAVPSGAS TGIYEALRLR DGDKQRYLGK GVLKAVDHIN STIAPALISS GLSVVEQEKL DNLMLELDGT ENKSKFGANA ILGVSLAVCK AGAAERELPL YRHIAQLAGN SDLILPVPF NVINGGSHAG NKLAMQEFMI LPVGAESFRD AMRLGAEVYH TLKGVKDKY GKDATNVGDE GGFAPNILEN SEALELVKEA IDKAGYTEKI VIGMDVAASE FYRDGKYDLD FKSPTDPSRY ITGDQLGALY QDFVRDYPVW SIEDPFDQDD WAAWSKFTAN VGIQIVGDDL TVTNPKRIER AVEEKACNCL LLKVNQIGSV TEAIQACKLA QENGWGMVMS HRSGETEDTF IADLVGLCT GQIKTGAPCR SERLAKYNQL MRIEEELGDE ARFAGHNFRN PSVL
<b>Predicted MW:</b>	47 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 7.5, 100 mM KCl, 5 mM MgSO <sub>4</sub>
<b>Bioactivity:</b>	Specific: > 25,000pmol/min/ug, and was obtained by measuring the decrease of NAD in absorbance at 340nm resulting from NADH at pH 6.5 at 37°C.
<b>Endotoxin:</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant NSE was expressed in E.coli and purified by conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001966</a>



[View online »](#)

Locus ID:	2026
UniProt ID:	<a href="#">P09104</a>
Cytogenetics:	12p13.31
Synonyms:	NSE, ENO2, Enolase 2, Neural enolase, Gamma-enolase
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:**