

Product Name :	NSE
Cat No. :	P0016
Uniprot ID:	P09104
Gene Description:	Neuron-specific enolase (NSE)
Synonyms:	Neuron specific enolase; Enolase 2 (gamma, neuronal); Gamma enolase
Species:	Human
Source:	E.coli, Recombinant
Character:	Liquid
Application :	Immunogen; Standard; Calibrator
Concentration:	1mg/ml
Purity:	>90%
QA Standard:	SDS PAGE
Buffer:	0.15M PBS, pH 7.5 with 50% glycerol
Storage:	-20°C for one year
Background:	<p>Gamma-enolase, also known as enolase 2 (ENO2) or neuron specific enolase (NSE), is an enzyme that in humans is encoded by the ENO2 gene. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. Due to this organ-specificity, concentrations of NSE in serum or, more commonly, cerebrospinal fluid (CSF), are often elevated in diseases of a variety of neuron-destructive and neurodegenerative disorders. NSE might also have utility as a prognostic marker in neuronal injury.</p>