Datasheet for ABIN666709

ENO2/NSE Protein (AA 1-434)

1 Image

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Overview

Quantity:	100 µg
Target:	ENO2/NSE (ENO2)
Protein Characteristics:	AA 1-434
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Neuron-Specific Enolase (NSE), 1-434aa, Human, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	ENO2/NSE (ENO2)
Alternative Name:	Neuron-Specific Enolase (NSE) (ENO2 Products)
Background:	Neuron-specific enolase (NSE) is a glycolytic isoenzyme which is located in central and peripheral neurons and neuroendocrine cells. This enzyme is released into the CSF when neural tissue is injured. Neoplasms derived from neural or neuroendocrine tissue may release NSE into the blood. NSE is a useful substance that has been detected in patients with certain tumors, namely: neuroblastoma, small cell lung cancer, medullary thyroid cancer, carcinoid tumors, pancreatic endocrine tumors, and melanoma. Recombinant NSE was expressed in

Target Details

	E.coli and purified by conventional chromatography techniques. Synonyms: Enolase 2 (gamma, neuronal), ENO2, NSE, Neuron-Specific Enolase , 2 phospho D glycerate hydrolyase, Eno 2, ENOG, Enolase 2 gamma neuronal, Enolase2, Gamma enolase, Neural enolase, Neuron specific enolase, Neuron specific gamma enolase, Neurone specific enolase. NCBI no.: NP_ 001966
Molecular Weight:	47 kDa (434 aa), confirmed by MALDI-TOF.

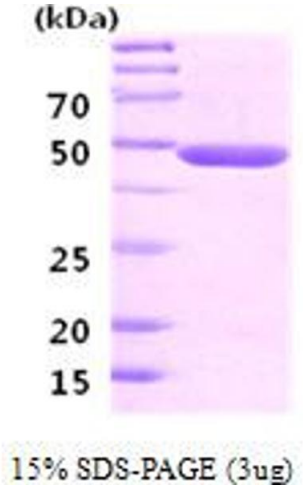
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid in 20 mM Tris pH 7.5, 0.1 M KCl, 5 mM MgSO4
Storage:	4 °C

Images



SDS-PAGE

Image 1.