

Product: Neuronal Specific Enolase (NSE), human, recombinant
Catalog #: 05-52063R
Amount: 5 µg

DESCRIPTION:

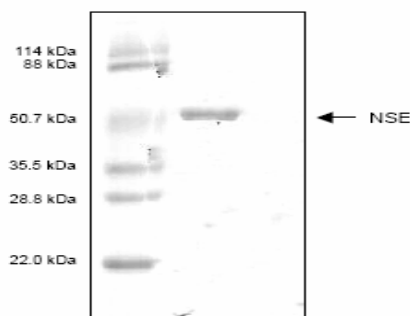
Recombinant human Neuronal Specific Enolase (rHuNSE)
NSE is the $\gamma\gamma$ isoform of the glycolytic enzyme enolase and is expressed primarily in neurons, in normal and neoplastic neuroendocrine cells .
NSE is a highly soluble cytoplasmic protein that is readily secreted into the CSF and serum following tissue damage. NSE shows neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons and binds in a calcium-dependent manner to cultured neocortical neurons promoting cell survival.
Recombinant Human NSE is expressed in E. coli containing 433 amino acids 2-434 fused to an amino terminal hexahistidine tag.

SOURCE:

Escherichia coli

PURITY:

> 95% (SDS- PAGE)
Single band on Western Blot



APPLICATION:

rHuNSE can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments.

FORM:

The biological activity of this product has not yet been tested.
Purified, in 1X Laemli Buffer: 25mM Tris-HCl pH6.8, 50mM DTT, 1% SDS, 0.1% Bromophenol blue and 2.5% Glycerol, containing 0.1% BSA

STORAGE:

-20°C (aliquot), avoid freezing and thawing cycles

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