

Neuron-specific Enolase Active Protein | NSE active protein

Neuron-specific enolase (NSE)

CATALOG #
AAA78132

APPLICATIONS
ELISA

PRODUCT SYNONYMS

Neuron-specific Enolase; Neuron-specific enolase (NSE); NSE active protein

PRODUCT SPECIFICATIONS

Purity/Purification	Ion-exchange chromatography and gel-filtration.
Form/Format	Solution in 0.1 M Tris-HCl, 5 mM Mg ₂ SO ₄ , 0.25 M KCl, pH 5.1 adjusted with sodium phosphate.
Sequence Length	434
Applicable Applications for NSE active protein	ELISA
Source Note	Post mortal human brain. Blood sample from the tissue donor was tested and found negative for HBsAg, HCV, HIV-1 and 2 antibodies, and syphilis.
Analysis	Purity > 95 % (SDS-PAGE).
Activity	Specific activity is determined for each lot at 25 degree C in 45 mM imidazole, pH 6.8, 45 mM KCl, 1.33 mM Mg ₂ SO ₄ ; 1 mM 2-PG. One unit is defined as the amount of NSE converted 1 mol of 2-phospho-D-glycerate per min at 25 degree C (J.Bidegree Chem. 87, 1587-1594, 1980). Subunit composition is gamma-gamma.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	At -20 degree C. Avoid repeated freezing and thawing.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2465396
NCBI GeneID	24334
Molecular Weight	47,141 Da
NCBI Official Full Name	neuron-specific enolase
NCBI Official Synonym Full Names	enolase 2, gamma, neuronal
NCBI Official Symbol	Eno2
NCBI Official Synonym Symbols	NSE; RNEN3
NCBI Protein Information	gamma-enolase; neural enolase; neuron-specific enolase; 2-phospho-D-glycerate hydro-lyase
UniProt Protein Name	Gamma-enolase
UniProt Gene Name	Eno2
UniProt Synonym Gene Names	Eno-2; NSE
UniProt Entry Name	ENOG_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nse-active-protein/neuron-specific-enolase/78132>