

Enolase, Neuron Specific (NSE) Recombinant Protein | NSE recombinant protein

Recombinant Enolase, Neuron Specific (NSE)

CATALOG # AAA134158	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Enolase; Neuron Specific (NSE); Recombinant Enolase; NSE recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 650ug/mL (varies by lot)
Sequence	MSIEKIWARE ILDSRGNPTV EVDLYTAKGL FRAAVPSGAS TGIYEALELR DGDQRYLGK GVLKAVDHIN STIAPALISS GLSVVEQEK L DNLMLELDGT ENKSKFGANA ILGVSLAVCK AGAAERELPL YRHIAQLAGN SDLILPVPAF NVINGGSHAG NKLAMQEFMI LPVGAESFRD AMRLGAEVYH TLKGVKIDKY GKDATNVGDE GGFAPNILEN SEALELVKEA IDKAGYTEKI VIGMDVAASE FYRDGKYDLD FKSPTDPSRY ITGDQLGALY QDFVRDYPVV SIEDPFDQDD WAAWSKFTAN VGIQIVGDDL TVTNPKRIER AVEEKACNCL LLKVNQIGSV TEAIQACKLA QENGWGVMSV HRSGETEDTF IADLVVGLCT GQIKTGAPCR SERLAKYNQL MRIEEEELGDE ARFAGHNFRN PSVL
Applicable Applications for NSE recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Leu434
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.1
usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803011
NCBI GeneID	2026
NCBI Accession #	NP_001966.1
NCBI GenBank Nucleotide #	NM_001975.2
UniProt Accession #	P09104; Q96J33
Molecular Weight	Predicted Molecular Mass: 49.0kDa Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	gamma-enolase
NCBI Official Synonym Full Names	enolase 2 (gamma, neuronal)
NCBI Official Symbol	ENO2
NCBI Official Synonym Symbols	NSE; HEL-S-279
NCBI Protein Information	gamma-enolase; neural enolase; neuron-specific enolase; neurone-specific enolase; neuron specific gamma enolase; 2-phospho-D-glycerate hydrolyase; 2-phospho-D-glycerate hydro-lyase; epididymis secretory protein Li 279
UniProt Protein Name	Gamma-enolase
UniProt Gene Name	ENO2
UniProt Synonym Gene Names	NSE
UniProt Entry Name	ENOG_HUMAN

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/eno2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134158>