

# Recombinant Human NSE protein ab78797

## 2 图像

### 描述

产品名称	重组人NSE蛋白
纯度	> 95 % SDS-PAGE. Purity is > 98% by SDS PAGE. ab78797 is purified using conventional chromatography techniques.
内毒素水平	< 1.000 Eu/μg
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	

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MSIEKIWARE ILDSRGNPTV EVDLYTAKGL
FRAAVPSGAS TGIYEALELR DGDKQRYLGK
GVLKAVDHIN STIAPALISS GLSVVEQEKL
DNLMLELDGT ENKSKFGANA ILGVSLAVCK
AGAAERELPL YRHIAQLAGN SDLILPVPAF
NVINGGSHAG NKLAMQEFMI LPVGAESFRD
AMRLGAEVYH TLKGVIKDKY GKDATNVGDE
GGFAPNILEN SEALELVKEA IDKAGYTEKI
VIGMDVAASE FYRDGKYDLD FKSPTDPSRY
ITGDQLGALY QDFVRDYPVV SIEDPFDQDD
WAAWSKFTAN VGIQIVGDDL TVTNPKRIER
AVEEKACNCL LLKVNQIGSV TEAIQACKLA
QENGWGMVMS HRSGETEDTF IADLVVGLCT
GQIKTGAPCR SERLAKYNQL MRIEEELGDE
ARFAGHNFRN PSVL
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### 技术指标

Our **Abpromise guarantee** covers the use of **ab78797** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Western blot
	SDS-PAGE

**形式** Liquid

## 制备和贮存

**稳定性和存储** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  
pH: 7.50  
Constituents: 0.75% Potassium chloride, 0.242% Tris, 0.06% Magnesium sulphate

## 常规信息

**功能** Has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons. Binds, in a calcium-dependent manner, to cultured neocortical neurons and promotes cell survival.

**组织特异性** The alpha/alpha homodimer is expressed in embryo and in most adult tissues. The alpha/beta heterodimer and the beta/beta homodimer are found in striated muscle, and the alpha/gamma heterodimer and the gamma/gamma homodimer in neurons.

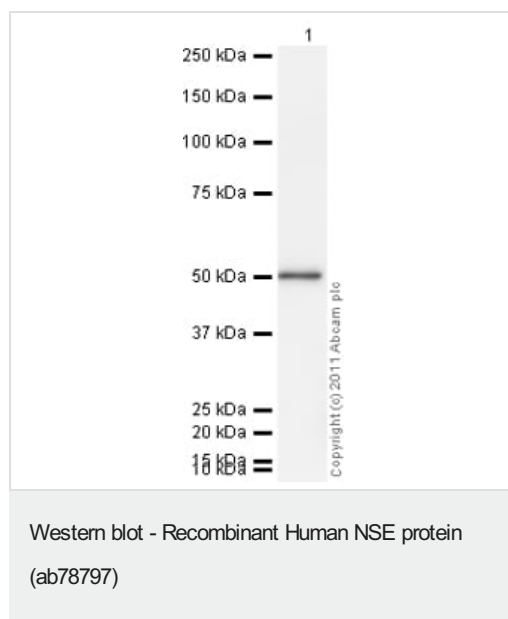
**通路** Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 4/5.

**序列相似性** Belongs to the enolase family.

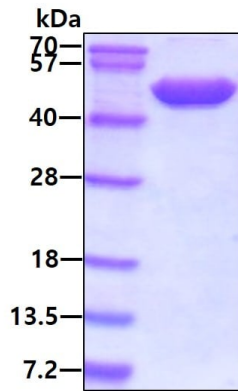
**发展阶段** During ontogenesis, there is a transition from the alpha/alpha homodimer to the alpha/beta heterodimer in striated muscle cells, and to the alpha/gamma heterodimer in nerve cells.

**细胞定位** Cytoplasm. Cell membrane. Can translocate to the plasma membrane in either the homodimeric (alpha/alpha) or heterodimeric (alpha/gamma) form.

## 图片



SDS-PAGE analysis of ab78797 (3µg).



SDS-PAGE - Recombinant Human NSE protein  
(ab78797)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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