

# Recombinant Human Neurturin protein ab9840

### 製品の詳細

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製品名	Recombinant Human Neurturin protein
精製度	> 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
エンドトキシン・レベル	< 0.100 Eu/μg
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	22 kDa

### 特性

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Our **Abpromise guarantee** covers the use of **ab9840** in the following tested applications.

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

アプリケーション	SDS-PAGE Functional Studies
製品の状態	Lyophilized
備考	Human Neurturin is fully biologically active when compared to standards. Human Neurturin at a concentration of 100ng/ml will support the survival of 65% of newborn rat sympathetic neurons.

### 前処理および保存

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保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
再構成	Reconstitute in water to a concentration of 0.1mg/ml

### 関連情報

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機能	Supports the survival of sympathetic neurons in culture. May regulate the development and
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maintenance of the CNS. Might control the size of non-neuronal cell population such as haemopoietic cells.

**関連疾患**

Defects in NRTN are a cause of Hirschsprung disease (HSCR) [MIM:142623]. In association with mutations of RET gene, and possibly with other loci, defects in NRTN are involved in Hirschsprung disease. This genetic disorder of neural crest development is characterized by the absence of intramural ganglion cells in the hindgut, often resulting in intestinal obstruction.

**配列類似性**

Belongs to the TGF-beta family. GDNF subfamily.

**細胞内局在**

Secreted.

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

**Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

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