

# Recombinant human TrkC protein ab85274

## 5 图像

### 描述

---

产品名称	重组人TrkC蛋白
生物活性	The Specific activity of ab85274 was determined to be 24 nmol/min/mg.
纯度	> 80 % Densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
氨基酸	507 to 839

### 技术指标

---

Our **Abpromise guarantee** covers the use of **ab85274** in the following tested applications.

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

应用	Functional Studies Western blot
形式	Liquid
补充说明	<b>ab204877</b> (Poly (4:1 Glu, Tyr) peptide) can be utilized as a substrate for assessing kinase activity

### 制备和贮存

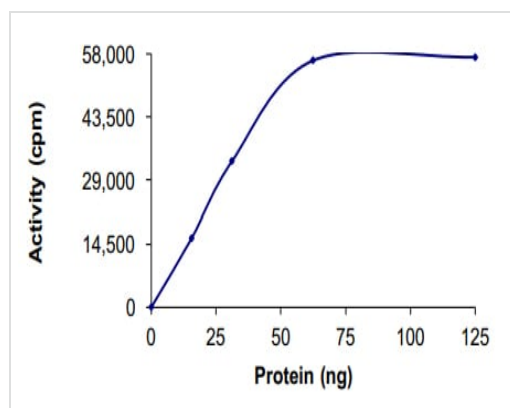
---

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.00174% PMSF, 0.82% Sodium phosphate, 0.0308% DTT, 25% Glycerol (glycerin, glycerine), 1.74% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
--------	---

## 常规信息

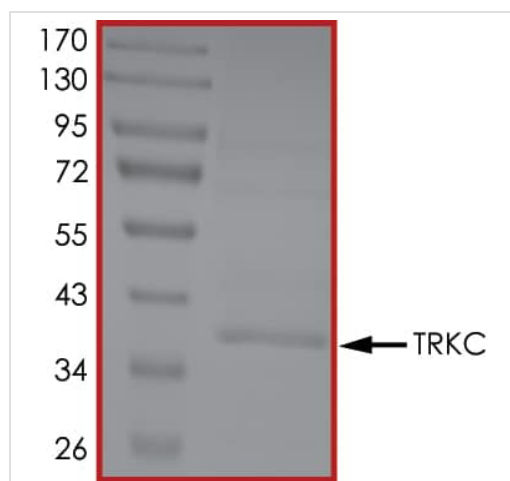
功能	Receptor for neurotrophin-3 (NT-3). This is a tyrosine-protein kinase receptor. Known substrates for the trk receptors are SHC1, PI-3 kinase, and PLCG1. The different isoforms do not have identical signaling properties.
组织特异性	Widely expressed but mainly in nervous tissue. Isoform B is expressed at higher levels in adult brain than in fetal brain.
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 2 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 protein kinase domain.
翻译后修饰	Ligand-mediated auto-phosphorylation.
细胞定位	Membrane.

## 图片



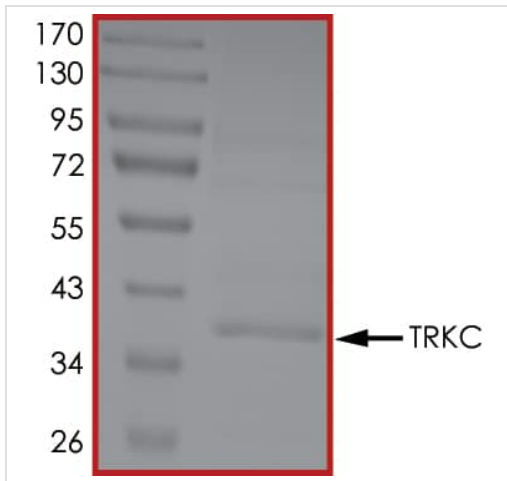
The specific activity of TrkC (ab85274) was determined to be 28 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human TrkC protein (ab85274)



SDS PAGE analysis of ab85274

SDS-PAGE - Recombinant human TrkC protein (ab85274)



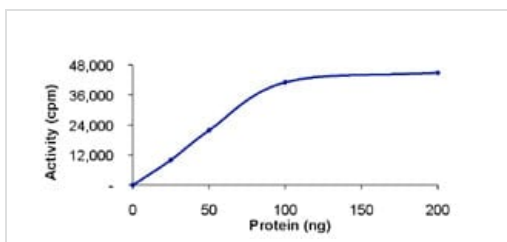
SDS PAGE analysis of ab85274

SDS-PAGE - Recombinant human TrkC protein (ab85274)



SDS-PAGE showing ab85274 at approximately 38kDa.

SDS-PAGE - Recombinant human TrkC protein (ab85274)



The Specific activity of ab85274 was determined to be 24 nmol/min/mg.

Functional Studies - Recombinant human TrkC protein (ab85274)

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

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

- 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.cn/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors