

Recombinant Human TrkC protein (Fc Chimera) ab85599

2 图像

描述

产品名称	重组人TrkC蛋白(Fc Chimera)
纯度	> 95 % SDS-PAGE.
表达系统	HEK 293 cells
Accession	Q16288
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human

序列

Theoretical Sequence:

```
CPANCVCSKTEINCRPPDDGNLFPLLEGQDSGNSNGNANINI  
TDIRN  
ITSIHIENWRSIHTLNAVDMELYTGLQKLTIKNSGLRSIQPR  
AFAKNPHL  
RYINLSSNRLTTLQSWQLFQTLQSLRELQLEQNFFNCSCDIRWM  
QLWQEQGE  
AKLNSQNLKYNADGSQPLFRMNISQCDLPEISVSHVNLT  
REGDNAV  
TCNGSGSPLPDVDWIVTGLQSIHTHQTNLNWTNVHAINLTLV  
NVTSEDNG  
FTLTCAIENVVGMSNASVALTVYPPRVVSLEEPRLRLEHCI  
EFVVRGNP  
PPTLHWHLHNGQPLRESKIIHVEYYQEGEISEGCLLFNKPTHY  
NNGNYTLI  
AKNPLGTANQTINGHFLKEPFPESTDNFILFDEVSPTPPITV  
THKPEEDG  
SSNTKVDKKVEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPK  
KDTLMISR  
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYN  
STYRVVSV  
LTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQ  
VYTLPPSR  
DELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPV  
LDSGDSFF
```

氨基酸	1 to 428
额外的序列信息	Fused with the Fc region of Human IgG1 at the C-terminus.

技术指标

Our **Abpromise guarantee** covers the use of **ab85599** 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 SDS-PAGE
形式	Lyophilized

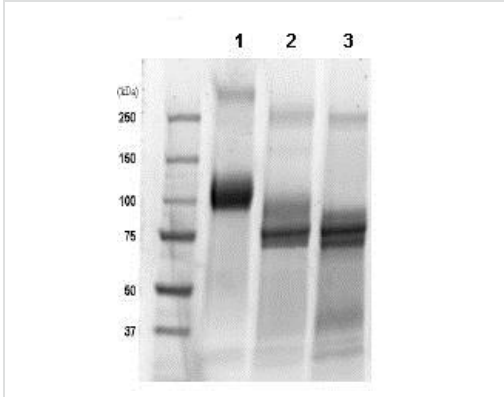
制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C. Constituents: PBS, 1% Human serum albumin, 10% Trehalose
复溶	Reconstitution: It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial. Following reconstitution short-term storage at 4°C is recommended, and longer-term storage of aliquots at -18 to -20°C. Repeated freeze thawing is not recommended.

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



SDS-PAGE - Recombinant Human TrkC protein (Fc Chimera) (ab85599)

1D SDS-PAGE of ab85599 before and after treatment with glycosidases to remove oligosaccharides.

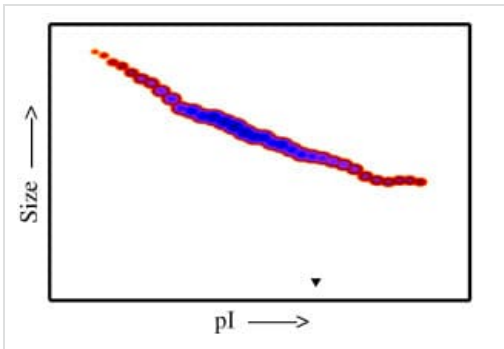
Lane 1: ab85599

Lane 2: ab85599 treated with PNGase F to remove potential N-linked glycans

Lane 3: ab85599 treated with a glycosidase cocktail to remove potential N- and O-linked glycans.

5 mg of protein was loaded per lane. Gel was stained with Deep Purple™.

Drop in MW after treatment with PNGase F indicates presence of N-linked glycans. Subsequent tightening of bands after treatment with glycosidase cocktail suggests the presence of O-linked glycans.



Functional Studies - Recombinant Human TrkC protein (Fc Chimera) (ab85599)

Densitometry of protein isoforms visualised by 2-DE.

The densitometry scan demonstrates the purified Human cell expressed protein exists in multiple isoforms, which differ according to their level of post-translational modification.

The triangle indicates the theoretical MW and pI of the protein.

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