

For Research Use Only

Recombinant Human TrkC protein (rFc Tag)



Catalog Number: Eg5852

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Human TrkC protein Cys32-Thr429 (Accession# Q16288-1) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
4916

Accession:
Q16288-1

Predicted Molecular Mass:
70.3 kDa

SDS-PAGE:
90-110 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

TrkC (Tropomyosin Receptor Kinase C), also known as NTRK3 (Neurotrophic Tyrosine Kinase Receptor Type 3), belongs to the Trk family of receptor tyrosine kinases, which also includes TrkA and TrkB. These receptors are primarily involved in the development and function of the nervous system.

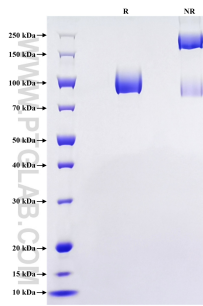
References

1. Segal, R A, and M E Greenberg. Annual review of neuroscience vol. 19 (1996): 463-89.
2. Huang, Eric J, and Louis F Reichardt. Annual review of biochemistry vol. 72 (2003): 609-42.

Synonyms

NTRK3, EC:2.7.10.1, GP145 TrkC, gp145(trkC), GP145-TrkC

Selected Validation Data



Purity of Recombinant Human TrkC was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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