



[Go to Product page](#)

Datasheet for ABIN7504556  
**TRKA Protein (AA 33-417) (His tag)**

### Overview

Quantity:	100 µg
Target:	TRKA (NTRK1)
Protein Characteristics:	AA 33-417
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRKA protein is labelled with His tag.

### Product Details

Purpose:	Human TrkA Protein
Sequence:	Ala33-Gly417
Characteristics:	Recombinant Human TrkA Protein is expressed from HEK293 with His tag at the C-terminus. It contains Ala33-Gly417.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

Target:	TRKA (NTRK1)
Alternative Name:	TrkA ( <a href="#">NTRK1 Products</a> )

## Target Details

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Background:	TrkA, a tyrosine kinase receptor, is an essential component of the nerve growth factor (NGF) response pathway. The binding of NGF to the receptor induces receptor autophosphorylation and activation of intracellular signaling pathways, resulting in diverse biological effects.
Molecular Weight:	43.00 kDa. Due to glycosylation, the protein migrates to 70-100 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">cAMP Metabolic Process</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months