



[Go to Product page](#)

Datasheet for ABIN2018428
TRKA Protein (AA 34-407)

Overview

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|--------------------------|----------------|
| Quantity: | 50 µg |
| Target: | TRKA (NTRK1) |
| Protein Characteristics: | AA 34-407 |
| Origin: | Human |
| Source: | HEK-293T Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |

Product Details

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| Characteristics: | ED50 < 1 µg/mL, measured in a neutralization assay in the presence of 10 ng/mL human b-NGF using TF-1 Cells. |
| Purity: | > 95 % as analyzed by SDS-PAGE. |
| Endotoxin Level: | < 0.2 EU/µg, determined by LAL method. |

Target Details

| | |
|-------------------|--|
| Target: | TRKA (NTRK1) |
| Alternative Name: | Tyrosine Kinase Receptor A (NTRK1 Products) |
| Background: | Tyrosine kinase receptor A (Trk-A) is a member of the neurotrophic tyrosine kinase receptor family which includes three members: Trk-A, Trk-B and Trk-C. Trk-A is involved in the development and maturation of the central and peripheral nervous systems through regulation of proliferation, differentiation and survival of sympathetic neurons. |

Target Details

Synonyms: Trk-A, NTRK1, MTC, TRK, TRKA

Molecular Weight: 65-85 kDa, observed by reducing SDS-PAGE.

Pathways: [RTK Signaling](#), [Neurotrophin Signaling Pathway](#), [cAMP Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstituted in ddH₂O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant Human Tyrosine kinase receptor A remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, Human Tyrosine kinase receptor A should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.

Expiry Date: 6 months