

Datasheet for ABIN2734343
NTRK3 Protein (DYKDDDDK-His Tag)



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Overview

Quantity:	20 µg
Target:	NTRK3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NTRK3 protein is labelled with DYKDDDDK-His Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human TrkC (C-term DDK/His tag, transcript variant 1) protein expressed in Human 293HEK cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	NTRK3
Alternative Name:	Trkc (NTRK3 Products)
Background:	This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position.

Target Details

Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. Several transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 47 kDa

NCBI Accession: [NP_001012338](#)

Pathways: [RTK Signaling](#), [Neurotrophin Signaling Pathway](#), [Regulation of Cell Size](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

Buffer: 1 x PBS, pH 7.4, 10 % glycerol

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.