

Datasheet for ABIN7092728

NTRK3 Protein (AA 32-429) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	NTRK3
Protein Characteristics:	AA 32-429
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NTRK3 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human NTRK3 protein with C-terminal human Fc tag
Specificity:	NTRK3 (Cys32-Thr429) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	NTRK3
Alternative Name:	NTRK3 (NTRK3 Products)
Background:	This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This

Target Details

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. 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. [provided by RefSeq, Jul 2011]

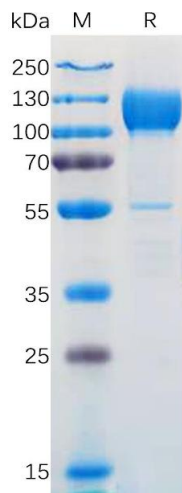
Molecular Weight:	predicted molecular mass of 70.9 kDa after removal of the signal peptide.The apparent molecular mass of NTRK3-hFc is 100-130 kDa due to glycosylation.
UniProt:	Q16288
Pathways:	RTK Signaling , Neurotrophin Signaling Pathway , Regulation of Cell Size

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human N Protein, hFc Tag on SDS-PAGE under reducing condition.