Datasheet for ABIN7092732

TRKA Protein (AA 33-410) (Fc Tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	TRKA (NTRK1)
Protein Characteristics:	AA 33-410
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRKA protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human NTRK1 Protein with C-terminal human Fc tag
Specificity:	NTRK1 (Ala33-Phe410) 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:	TRKA (NTRK1)
Alternative Name:	NTRK1 (NTRK1 Products)
Background:	This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTKR) family. This

Target Details

	kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, cognitive disability and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date. [provided by RefSeq, Jul 2008]
Molecular Weight:	predicted molecular mass of 67.4 kDa after removal of the signal peptide.The apparent molecular mass of NTRK1-hFc is 70-130 kDa due to glycosylation.
UniProt:	P04629
Pathways:	RTK Signaling, Neurotrophin Signaling Pathway, cAMP Metabolic Process

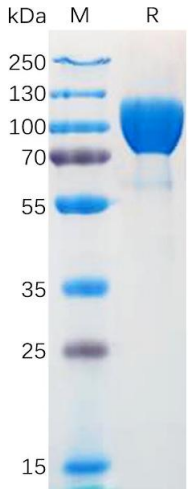
Application Details

Restrictions:	For Research Use only

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

Images



SDS-PAGE

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