

Datasheet for ABIN7607679

NTRK3 Protein (AA 32-428) (His-Fc tag)



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Overview

Quantity:	50 µg
Target:	NTRK3
Protein Characteristics:	AA 32-428
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This NTRK3 protein is labelled with His-Fc tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human NTRK3/TrkC Protein, C-hFc-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit NT-3-induced proliferation of BaF-TrkB-BD mouse pro-B cells transfected with TrkB. The ED50 for this effect is 0.05-0.2 µg/mL in the presence of 40 ng/mL of rhNT-3.

Target Details

Target:	NTRK3
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Target Details

Alternative Name:	Trk-C (NTRK3 Products)
Background:	Trk-C, NTRK3, Neurotrophic tyrosine kinase receptor type 3, TrkC tyrosine kinase, GP145-TrkC, TRKC, NT-3 growth factor receptor
UniProt:	Q96CY4
Pathways:	RTK Signaling , Neurotrophin Signaling Pathway , Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months