

Datasheet for ABIN7607254

TRKA Protein (AA 33-407) (His-Fc tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	TRKA (NTRK1)
Protein Characteristics:	AA 33-407
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TRKA 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 NTRK1/TRKA 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 NGF induced proliferation of human erythroleukemic cells (TF-1). The ED50 for this effect is 0.8-4 µg/mL in the presence of 10 ng/mL of rhNGF.

Target Details

Target:	TRKA (NTRK1)
Alternative Name:	Trk-A (NTRK1 Products)

Target Details

Background:	Trk-A, High affinity nerve growth factor receptor, NTRK1, Tropomyosin-related kinase A, Neurotrophic tyrosine kinase receptor type 1, MTC, TRKA, Tyrosine kinase receptor, TRK, p140-TrkA, TRK1-transforming tyrosine kinase protein, gp140trk, Tyrosine kinase receptor A
UniProt:	P04629
Pathways:	RTK Signaling , Neurotrophin Signaling Pathway , cAMP Metabolic Process

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