Active Recombinant Human NTRK1, Fc Chimera

Cat. No. NTRK1-166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NTRK1 (Accession # AAA36770) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	33-407 aa
Predicted N Terminal	Ala33
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit NGF-induced proliferation of TF-1 human erythroleukemic cells.The ED50 for this effect is typically 0.8 - 4 μg/mL in the presence of 10 ng/mL of rhNGF.
Molecular Mass	Recombinant Human NTRK1, Fc Chimera has a calculated MW of 67.4 kDa (monomer). In SDS-PAGE migrates as 115-125 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	NTRK1 neurotrophic tyrosine kinase, receptor, type 1 [Homo sapiens]
Official Symbol	NTRK1
Synonyms	NTRK1; neurotrophic tyrosine kinase, receptor, type 1; high affinity nerve growth factor receptor; MTC; TRK; TRKA; gp140trk; Oncogene TRK; tyrosine kinase receptor A; tropomyosin-related kinase A; TRK1-transforming tyrosine kinase protein; TRK1; Trk-A; p140-TrkA; DKFZp781I14186;
Gene ID	4914
mRNA Refseq	NM_001007792
Protein Refseq	NP_001007793
MIM	191315
UniProt ID	P04629
Chromosome Location	1q21-q22

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