

## Recombinant Human NTRK2 Protein, DDK-tagged

Cat. No. NTRK2-752H Lot. No. (See product label)


### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NTRK2(Met-Cys32-His430), transcript variant a, fused with DDK tag at C-terminal was expressed in Sf9 cells.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	-32 a.a.
<b>Description</b>	This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This 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. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants.
<b>Form</b>	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
<b>Molecular Mass</b>	44.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	NTRK2 neurotrophic tyrosine kinase, receptor, type 2 [ Homo sapiens ]
<b>Official Symbol</b>	NTRK2
<b>Synonyms</b>	NTRK2; neurotrophic tyrosine kinase, receptor, type 2; BDNF/NT-3 growth factors receptor; TRKB; trkB tyrosine kinase; tyrosine kinase receptor B; tropomyosin-related kinase B; BDNF-tropomyosine receptor kinase B; trk-B; GP145-TrkB;
<b>Gene ID</b>	4915
<b>mRNA Refseq</b>	NM_001007097
<b>Protein Refseq</b>	NP_001007098
<b>MIM</b>	600456
<b>UniProt ID</b>	Q16620

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