

Recombinant Human NTRK2 Protein, DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NTRK2(Met-Cys32-His430), transcript variant a, fused with DDK tag at C-terminal was expressed in Sf9 cells.
Species	Human
Source	Sf9 Cells
ProteinLength	-32 a.a.
Description	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.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
Molecular Mass	44.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	NTRK2 neurotrophic tyrosine kinase, receptor, type 2 [Homo sapiens]
Official Symbol	NTRK2
Synonyms	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;
Gene ID	4915
mRNA Refseq	NM_001007097
Protein Refseq	NP_001007098
MIM	600456
UniProt ID	Q16620

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