

Recombinant Human NTRK2 protein, Flag-tagged, Biotinylated

Cat. No. NTRK2-87H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRKB, cytoplasmic domain [456-822(end) amino acids of accession number NP_001018074.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	456-822 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	45 kDa
Purity	>90% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	NTRK2 neurotrophic tyrosine kinase, receptor, type 2 [Homo sapiens]
Official Symbol	NTRK2

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Synonyms	NTRK2; TRKB; trkB tyrosine kinase; tyrosine kinase receptor B; tropomyosin-related kinase B; trk-B; GP145-TrkB;
Gene ID	4915
mRNA Refseq	NM_001007097
Protein Refseq	NP_001007098
MIM	600456
UniProt ID	Q16620
Chromosome Location	9q22.1
Pathway	Activation of TRKA receptors, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; MAPK signaling pathway, conserved biosystem; NGF signalling via TRKA from the plasma membrane, organism-specific biosystem; NGF-independent TRKA activation, organism-specific biosystem; Neurotrophic factor-mediated Trk receptor signaling, organism-specific biosystem; Neurotrophin signaling pathway, organism-specific biosystem;
Function	ATP binding; brain-derived neurotrophic factor binding; brain-derived neurotrophic factor-activated receptor activity; neurotrophin-3 binding; neurotrophin-4/5 binding; nucleotide binding; protein homodimerization activity; receptor activity;

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