Recombinant Human NTRK3, His-tagged, Active

Cat. No. NTRK3-450H **Lot. No.** (See product label)

SPECIFICATION

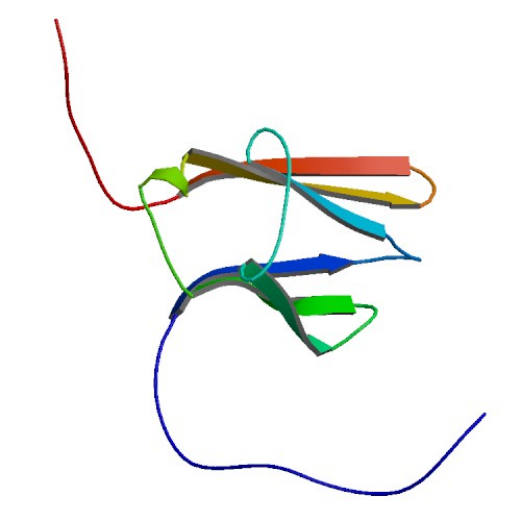
Product Overview	Recombinant human TRKC (507-end) was expressed by baculovirus in*Sf9 insect cell*susing an N-terminal His tag. MW = 38kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	507-end a.a.
Description	TRKC is a member of the TRK family of tyrosine kinase receptors and is the high affinity catalytic receptor for the neurotrophin NT-3 (neurotrophin-3). TRKC mediates the multiple cellular effects of the NT-3 neurotrophic factor, which includes neuronal differentiation and survival. TRKC has been implicated in insulin signaling pathway through interactions with the MUSK protein receptor and the VEGF receptor. Mutations in the TRKC gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers.
Sequence	507-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70℃. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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GENE INFORMATION

Gene Name	NTRK3 neurotrophic tyrosine kinase, receptor, type 3 [Homo sapiens]
Synonyms	NTRK3; neurotrophic tyrosine kinase, receptor, type 3; TRKC; gp145 (trkC); ETV6-NTRK3 fusion; OTTHUMP00000192915; neurotrophin 3 receptor; tyrosine kinase receptor C; NT-3 growth factor receptor; ETS related protein-neurotrophic receptor tyrosine kinase fusion protein; EC 2.7.10.1
Gene ID	4916
mRNA Refseq	NM_001007156
Protein Refseq	NP_001007157
MIM	191316
UniProt ID	Q16288
Chromosome Location	15q24-q25
Pathway	Neurotrophin signaling pathway
Function	ATP binding; neurotrophin receptor activity; nucleotide binding; protein binding; transferase activity; transmembrane receptor protein tyrosine kinase activity

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PDB rendering based on 1wwc.	

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