

Recombinant Human TRKB (N-GST tag)

Cat No:HR2R2033

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TRKB
Gene ID	N/A
Accession	NM_001018064
Alternative Name	NTRK2, GP145-TrkB
Species	Human
Source	Insect cells
Description	TRKB is a member of the neurotrophic tyrosine receptor kinase (NTRK) family. TRKB is the high affinity catalytic receptor for several "neurotrophins", which are small protein growth factors that induce the survival and differentiation of distinct cell populations . TRKB is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway . Signalling through TRKB leads to cell differentiation. Mutations in the TRKB gene have been associated with obesity and mood disorders.
Functions	The specific activity of TRKB was determined to be 74 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF , 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	67
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. 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.