

Recombinant Human TRKA (N-GST tag)

Cat No:HR2R2032

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TRKA
Gene ID	N/A
Accession	NM_002529
Alternative Name	NTRK1; MTC; TRK; TRK1; p140-TrkA; DKFZp781114186
Species	Human
Source	Insect cells
Description	TRKA is a member of the trk proto-oncogene family and encodes a 140-kilodalton, membrane-spanning protein tyrosine kinase that is the functional receptor for nerve growth factor (NGF). NGF elicits the rapid phosphorylation of gp140trk on tyrosine residues leading to increased c-Fos expression, DNA synthesis and morphologic transformation . A decreased expression of TRKA on the striatal cholinergic neurons has been observed which may contribute, when it reaches a crucial threshold, to the death of cholinergic neurons observed in Alzheimer disease .?
Functions	The specific activity of TRKA was determined to be 22 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	66
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.