

Recombinant Mouse TTBK2 (N-GST tag)

Cat No:HR2R2230

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TTBK2
Gene ID	N/A
Accession	NM_080788
Alternative Name	mKIAA0847; TTBK; TTBK1; TTK
Species	Mouse
Source	Insect cells
Description	TTBK2 or tau tubulin kinase 2 is a serine-threonine kinase that putatively phosphorylates tau and tubulin proteins. TTBK2 is a member of the casein kinase (CK1) group of eukaryotic protein kinases that is involved in tau phosphorylation and aggregation. Mutations in TTBK2 cause spinocerebellar ataxia type 11 (SCA11) (a neurodegenerative disease characterized by progressive ataxia and atrophy of the cerebellum and brainstem).
Functions	The specific activity of TTBK2 was determined to be 370 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	88
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.