

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.