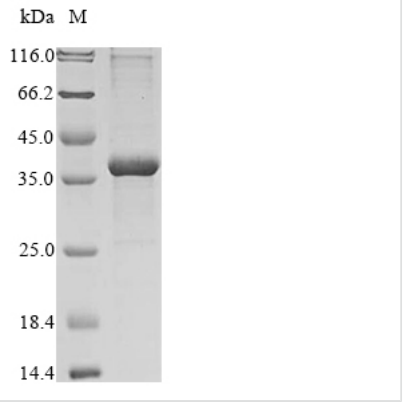
Recombinant Human Tau-tubulin kinase 2 (TTBK2), partial

Product Code	CSB-EP753711HU
Abbreviation	Recombinant Human TTBK2 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q6IQ55
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	KERWKVLRKIGGGGFGEIYDALDMLTRENVALKVESAQQPKQVLKMEVAVLK KLQGKDHVCRFIGCGRNDRFNYVVMQLQGRNLADLRRSQSRGTFTISTTLRL GRQILESIESIHSVGFLHRDIKPSNFAMGRFPSTCRKCYMLDFGLARQFTNSCG DVRPPRAVAGFRGTVRYASINAHRNREMGRHDDLWSLFYMLVEFVVGQLPW RKIKDKEQVGSIKERYDHRLMLKHLPPEFSIFLDHISSLDYFTKPDYQLLTSVFD NSIKTF
Research Area	Neuroscience
Source	E.coli
Target Names	TTBK2
Protein Names	Recommended name: Tau-tubulin kinase 2 EC= 2.7.11.1
Expression Region	18-287aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	38.7 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The first step in producing the recombinant Human TTBK2 protein is to construct a plasmid that encodes the Human TTBK2 protein (18-287aa). The next is to transform this plasmid into e.coli cells, select positive e.coli cells, from which positive cells can be screened and cultured to express the protein. A N-terminal 10xHis tag and C-terminal Myc tag is fused to the protein. The recombinant Human TTBK2 protein is purified through affinity purification from the cell lysate. Its purity is greater than 85%, determined by the SDS-PAGE analysis.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.
Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.