

Recombinant Human TTBK2 protein, His-tagged

Cat. No. TTBK2-3512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TTBK2 protein(1-354 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-354 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSGGGEQPDILSVGILVKERWKVLRKIGGGGGFGEIYDALDMLTRENVALKVESAQQP KQVLKMEVAVLKKLQGKDHVCRFIGCGRNDRFNYYVMQLQGRNLADLRRSQRGT FTISTTLRLGRQILESIESIHSVGLHRDIKPSNFAMGRFPSTCRKCYMLDFGLARQFT NSCGDVRPPRAVAGFRGTVRYASINAHNRNEMGRHDDLWSLFYMLVEFVVGQLP WRKIKDKEQVGSIKERYDHRMLKHLPEFSIFLDHISSLDYFTKPDYQLLTSVFDNSI KTFGVIESDPFDWEKTGNDGSLTTTTTSTTPQLHTRLTPAAIGIANATPIPGDLLRENT DEVFPDEQLSD
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name TTBK2 tau tubulin kinase 2 [Homo sapiens]

Official Symbol TTBK2

Synonyms

TTBK2; tau tubulin kinase 2; SCA11, spinocerebellar ataxia 11; tau-tubulin kinase 2; KIAA0847; TTBK; SCA11;

Gene ID 146057

mRNA Refseq NM_173500

Protein Refseq NP_775771

MIM 611695

UniProt ID Q6IQ55

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