

Recombinant Human TTBK2 protein, His-tagged

Cat. No. TTBK2-6754H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TTBK2 protein(743-1009 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	743-1009 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	PNIRESNKSQDLGPKELPDHNRLLVREFENLPGETEEKSILLES DNEDEKLSRGQHC IEISSLP GDLVIVEKDHSATTEPLDVTKTQTFSVVPNQDKNNEIMKLLTVGTSEISSRDI DPHVEGQIGQVAEMQKNKISKDDDIMSEDLPGHQGD LSTFLHQEGKREKITPRNGE LFHCVSENEHGAPTRKDMVRSSFVTRHSRIPVLAQEIDSTLESSSPVSAKEKLLQKK AYQPD LVKLLVEKRQFKSFLGDLSSASDKLLEEKLAT
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	TTBK2 tau tubulin kinase 2 [Homo sapiens]
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Official Symbol	TTBK2
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Synonyms	TTBK2; tau tubulin kinase 2; SCA11, spinocerebellar ataxia 11; tau-tubulin kinase 2; KIAA0847; TTBK; SCA11;
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Gene ID	146057
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mRNA Refseq	NM_173500
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Protein Refseq	NP_775771
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MIM	611695
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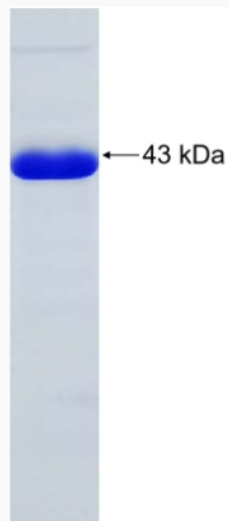
UniProt ID	Q6IQ55
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SDS-PAGE



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