

Recombinant Human TTBK2 protein, His & GST-tagged

Cat. No. TTBK2-1312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TTBK2 aa. (Trp21~Thr314 (Accession # Q6IQ55) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Trp21~Thr314
Description	This gene encodes a serine-threonine kinase that putatively phosphorylates tau and tubulin proteins. Mutations in this gene cause spinocerebellar ataxia type 11 (SCA11); a neurodegenerative disease characterized by progressive ataxia and atrophy of the cerebellum and brainstem.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 63.7kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 9.5.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

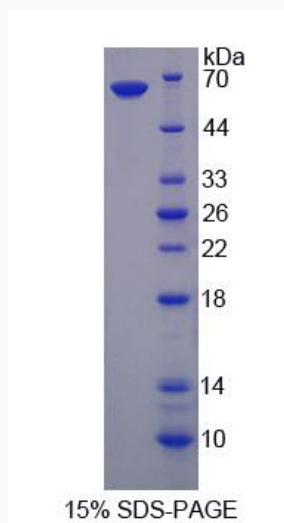
Gene Name	TTBK2 tau tubulin kinase 2 [Homo sapiens (human)]
Official Symbol	TTBK2
Synonyms	TTBK2; tau tubulin kinase 2; TTBK; SCA11; tau-tubulin kinase 2
Gene ID	146057
mRNA Refseq	NM_173500.3
Protein Refseq	NP_775771.3
UniProt ID	Q6IQ55

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SDS-PAGE



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