

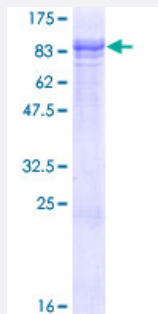
Full-Length

TTBK2 (Human) Recombinant Protein (P01)

Catalog # H00146057-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TTBK2 full-length ORF (AAH41876.1, 1 a.a. - 478 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSGGGEQLDILSVGILVKERWKVLRKIGGGGFGEYDALDMLTRENVALKVESAQQPKQVLKMEV
AVLKKLQGKDHSVCRFIGCGRNDRFNYYVMQLQGRNLADLRRSQSRGFTTISTTLRLGRQILESIESI
HSVGFLHRDIKPSNFAMGRFPSTCRKCYMLDFGLARQFTNSCGDVRPPRAVAGFRGTVRYASIN
AHRNREMGRHDDLWSLFYMLVEFVVGQLPWRKIKDKEQVGSIKERYDHRMLMLKHLPPFEFSIFLDH
ISSLDYFTKPDYQLLTSVFDNSIKTFGVIESDPFDWEKTGNDGSLTTTTTSTTPQLHTRLTPAAIGIAN
ATPIPGDLLRENTDEVFPDEQLSDGENGIPVGVPDKLPGLSGHPRPQEKDVWEEMDANKNKKIK
LGICKAATEEENSHGQANGLLNAPSLGSPIRVRSEITQPDRIPLVRKLRSIHSFELEKRLTLEPKP
DSDKFLETWYKMYFSF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TTBK2

Entrez GeneID[146057](#)**GeneBank Accession#**[BC041876.1](#)**Protein Accession#**[AAH41876.1](#)**Gene Name**

TTBK2

Gene Alias

KIAA0847, SCA11, TTBK

Gene Description

tau tubulin kinase 2

Omim ID[604432](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

spinocerebellar ataxia 11|tau-tubulin kinase

Disease

- [Spinocerebellar Ataxias](#)

- [Tobacco Use Disorder](#)