

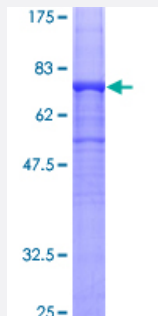
Full-Length

TUBA1B (Human) Recombinant Protein (P03)

Catalog # H00010376-P03

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TUBA1B full-length ORF (AAH10494, 1 a.a. - 451 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRECISIHVGQAGVQIGNACWELCYLEHGIQPDGQMPSDKTIGGGDDSFNTFFSETGAGKHVPRA
VFVDLEPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGKEIIDLVLDRIKRLADQCTGLQ
GFLVFHSFGGGTGSGFTSLLMERLSVDYGKSKLEFSYPAPQVSTAVVEPYNSILTTHTTLEHSD
CAFMVDNEAYDICRRNLDIERPTYNLSRLISQVSSITASLRFDGALNVDLAEFQTNLVPYPRIHFPL
ATYAPVISAEEKAYHEQLSVAEITNACFEPANQMVKCDPRHGKYMACECLLYRGDVVPKDVNAAIATI
KTKRSIQFVDWCPTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSNNTTAAEAWARLDHKFDLMYA
KRAFVHWYVGEGMEEGEFSEAREDMAALEKDYEEVGVDSVEGEGEGEEGEEY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.35

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 — TUBA1B

Entrez GeneID [10376](#)

GeneBank Accession# [BC010494](#)

Protein Accession# [AAH10494](#)

Gene Name TUBA1B

Gene Alias K-ALPHA-1

Gene Description tubulin, alpha 1b

Omim ID [602530](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations alpha tubulin|tubulin, alpha, ubiquitous

Publication Reference

- [Gene expression profiling of skeletal muscle in exercise-trained and sedentary rats with inborn high and low VO2max.](#)

Bye A, Hoydal MA, Catalucci D, Langaas M, Kemi OJ, Beisvag V, Koch LG, Britton SL, Ellingsen O, Wisloff U.
Physiological Genomics 2008 Sep; 35(3):213.

Pathway

- [Gap junction](#)
- [Pathogenic Escherichia coli infection - EHEC](#)