Datasheet for ABIN1324106

TUBA1B Protein (AA 1-451) (GST tag)

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Overview

Quantity:	10 µg
Target:	TUBA1B
Protein Characteristics:	AA 1-451
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBA1B protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB), Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	TUBA1B (Human) Recombinant Protein (P03)
Sequence:	MRECISIHVG QAGVQIGNAC WELYCLEHGI QPDGQMPSDK TIGGGDDSFN TFFSETGAGK HVPRAVFVDL EPTVIDEVRT GTYRQLFHPE QLITGKEDAA NNYARGHYTI GKEIIDLVLD RIRKLADQCT GLQGFLVFHS FGGGTGSGFT SLLMERLSVD YGKKSKLEFS IYPAPQVSTA VVEPYNSILT THTTLEHSDC AFMVDNEAIY DICRRNLDIE RPTYTNLSRL ISQIVSSITA SLRFDGALNV DLAEFQTNLV PYPRIHFPLA TYAPVISAEK AYHEQLSVAE ITNACFEPAN QMVKCDPRHG KYMACCLLYR GDVVPKDVNA AIATIKTKRS IQFVDWCPTG FKVGINYQPP TVVPGGDLAK VQRAVCMLSN TTAIAEAWAR LDHKFDLMYA KRAFVHWYVG EGMEEGEFSE AREDMAALEK DYEEVGVDSV EGEGEEEGEE Y
Characteristics:	Human TUBA1B full-length ORF (AAH10494, 1 a.a. - 451 a.a.) recombinant protein with GST-tag at N-terminal.

Product Details

Purification:	in vitro wheat germ expression system

Target Details

Target:	TUBA1B
Alternative Name:	TUBA1B (TUBA1B Products)
Background:	Full Gene Name: tubulin, alpha 1b Synonyms: K-ALPHA-1
Gene ID:	10376
Pathways:	Microtubule Dynamics, M Phase

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Bye, Høydal, Catalucci, Langaas, Kemi, Beisvag, Koch, Britton, Ellingsen, Wisløff: "Gene expression profiling of skeletal muscle in exercise-trained and sedentary rats with inborn high and low VO2max." in: **Physiological genomics**, Vol. 35, Issue 3, pp. 213-21, (2008) (PubMed).

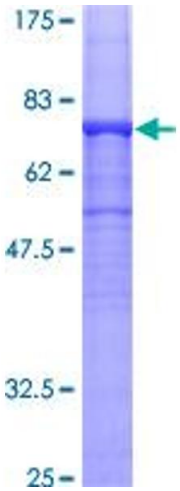

Image 1.

