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Datasheet for ABIN1628958

beta Tubulin7 (TUB7) (AA 1-445) protein (His tag)

Overview

Quantity:	1 mg
Target:	beta Tubulin7 (TUB7)
Protein Characteristics:	AA 1-445
Origin:	Zea mays
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MREILHIQGG QCGNQIGAKF WEVICDEHGI DHTGKYAGDS DLQLERINVY YNEASGGRFV PRAVLMDLEP GTMDSVRS GP FGQIFRPDNF VFGQSGAGNN WAKGHYTEGA ELIDSVLDVV RKEAENCDCDCL QGFQVCHSLG GGTGSGMGTL LISKIREEYP DRMMLTFSVF PSPKVS DTVV EPYNATLSVH QLVENADECM VLDNEALYDI CFRTLK LATP TFGDLNHLIS ATMSGVTCCCL RFPGQLNSDL RKLAVNLIPF PRLHFFMVGF APLTSRGSQQ YRALTVPELT QQMWDSKNMM CAADPRHGRY LTASAMFRGK MSTKEVDEQM LNVQNKNSY FVEWIPNNVK SSVCDIPPIG LKMSSTFVGN STSIQEMFRR VSEQFTAMFR RKAFLHWYTG EGMDEMEFTE AESNMNDLVA EYQQYQDATA EDEEYEEEEEE EEEET
Specificity:	Zea mays (Maize)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: beta Tubulin7 (TUB7)

Alternative Name: Tubulin beta-7 chain (TUBB7) ([TUB7 Products](#))

Background: Recommended name: Tubulin beta-7 chain.
Alternative name(s): Beta-7-tubulin

UniProt: [Q41784](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.