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Datasheet for ABIN1664088

beta Tubulin7 (TUB7) (AA 1-444) protein (His tag)

Overview

| | |
|-------------------------------|----------------------|
| Quantity: | 1 mg |
| Target: | beta Tubulin7 (TUB7) |
| Protein Characteristics: | AA 1-444 |
| Origin: | Oryza sativa |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | His tag |
| Application: | ELISA |

Product Details

| | |
|------------------|--|
| Sequence: | <p>MREILHIQGG QCGNQIGAKF WEVICDEHGV DATGRYAGDS DLQLERINVY YNEASGGRYV</p> <p>PRAVLMDLEP GTMDSVRSGP FGQIFRPDNF VFGQSGAGNN WAKGHYTEGA ELIDSVLDVV</p> <p>RKEAENCDCCL QGFQVCHSLG GGTGSGMGTL LISKIREEYP DRMMLTFSVF PSPKVSDDTVV</p> <p>EPYNATLSVH QLVENADECM VLDNEALYDI CFRTLKLATP TFGDLNHLIS ATMSGVTCCCL</p> <p>RFPGQLNSDL RKLAVNLIPF PRLHFFMVGF APLTSRGSQQ YRALTVPELT QQMWDAKNMM</p> <p>CAADPRHGRY LTASAMFRGK MSTKEVDEQM LNVQKNSSY FVEWIPNNVK SSVCDIPPRG</p> <p>LKMAATFVGN STSIQEMFRR VSEQFTAMFR RKAFLHWYTG EGMDMEFTE AESNMNDLVA</p> <p>EYQYQDATA DEEYEDEEEE AEAE</p> |
| Specificity: | Oryza sativa subsp. japonica (Rice) |
| 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 pTUB22

UniProt: [P37832](#)

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 modiflicated 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.