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Datasheet for ABIN1656116 TUBG2 Protein (AA 1-469) (His tag)

Overview



| Quantity: | 1 mg |
|-------------------------------|--|
| Target: | TUBG2 |
| Protein Characteristics: | AA 1-469 |
| Origin: | Oryza sativa |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TUBG2 protein is labelled with His tag. |
| Application: | ELISA |
| Product Details | |
| Sequence: | MPREIITIQV GQCGNQIGME FWKQLCLEHG IGKDGLLEDF ATQGGDRKDV FFYQADDQHY |
| | IPRALLVDLE PRVINGIQNS EYRNLYNHEN IFVAEHGGGA GNNWASGYHQ GEQVVDDIMD |
| | MIDREADGSD SLEGFVLCHS IAGGTGSGMG SYLLETLNDR YSKKLVQTYS VFPNQMETSD |
| | VVVQPYNSLL TLKRLTLNAD CVVVLDNTAL NRIAVERLHL ANPTFAQTNS LVSTVMSAST |
| | TTLRYPGYMN NDLVGLLASL IPTPRCHFLM TGYTPLTVER QVNMIRKTTV LDVMRRLLQT |
| | KNIMVSSYAR NKEASQAKYI SILNIIQGEV DPTQVHESLQ RIRERKLVNF IEWGPASIQV |
| | ALSRKSPYVQ TTHRVSGLML ANHTSIRHLF SKCLGQYEKL RKKQAFLDNY RKFPMFEDND |
| | LSEFDESREI IESLVDEYKA CESPDYIKWG MEDAGEANVA AALDSKLVV |
| Specificity: | Oryza sativa subsp. japonica (Rice) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien |
| | cells or by baculovirus infection. Be aware about differences in price and lead time. |
| | |

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Product Details

Purity:

> 90 %

Target Details

| Target: | TUBG2 |
|-------------------|--|
| Alternative Name: | Tubulin gamma-2 chain (TUBG2) (TUBG2 Products) |
| Background: | Recommended name: Tubulin gamma-2 chain. Alternative name(s): Gamma-2-tubulin |
| UniProt: | O49068 |
| Pathways: | Microtubule Dynamics, M Phase |

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 modificated 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. |

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