

Tubulin Beta 3 (TUBb3) Recombinant Protein | TUBb3 recombinant protein

Recombinant Tubulin Beta 3 (TUBb3)

CATALOG # AAA134499	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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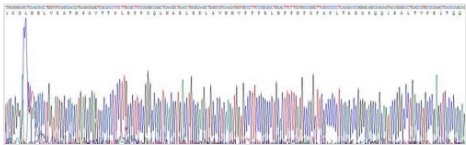
PRODUCT SYNONYMS

Tubulin Beta 3 (TUBb3); Recombinant Tubulin Beta 3 (TUBb3); TUBb3 recombinant protein

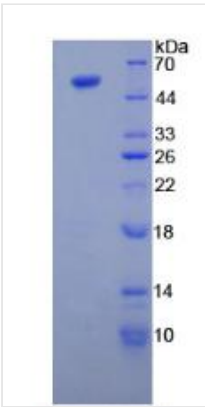
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLYERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLMDPM CLDAFPKLCV FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGDDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-YGDLNHL VSATMSGVTT SLRFPGQLNA DLRKLAVNMV PFPRLHFFMP GFAPLTARGS QQYRALTVE LTQQMFDANK MMAACDPRHG RYLTVATVFR GRMSMKEVDE QMLAIQSKNS SYFVEWIPNN VKVAVCDIPP RGLKMSSTFI GNSTAIQELF KRISEQFTAM FRRKAFLHWY TGEGMDEMEF TEAESNMNDL VSEYQQYQDA TAE EEGEMYE
Sequence Length	378
Applicable Applications for TUBb3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Tyr222~Glu438 (Accession # Q13509) with two N-terminal Tags, His-tag and GST-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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YGDNLHLVS  ATMSGVTSL  RFPQLNADL
RKLAVNMVPF  PRLHFFMPGF  APLTARGSQQ  YRALTVPELT  QQMFDAKNMM
AACDPRHGRY  LTVATVFRGR  MSMKEVDEQM  LAIQSKNSSY  FVEWIPNNVK
VAVCDIPPRG  LKMSSTFIGN  STAIQELFKR  ISEQFTAMFR  RKAFLHWYTG
EGMDEMEFTE  AESNMNDLVS  EYQQYQDATA  EEEGENHYE
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	308235963
NCBI GeneID	10381
NCBI Accession #	NP_001184110.1
NCBI GenBank Nucleotide #	NM_001197181.1
UniProt Accession #	Q13509; Q9BTZ0; Q9BW10
Molecular Weight	56.8kDa
NCBI Official Full Name	tubulin beta-3 chain isoform 2
NCBI Official Synonym Full Names	tubulin, beta 3 class III
NCBI Official Symbol	TUBB3
NCBI Official Synonym Symbols	CDCBM; TUBB4; CDCBM1; beta-4; CFEOM3A
NCBI Protein Information	tubulin beta-3 chain; tubulin beta-III; tubulin beta-4 chain; class III beta-tubulin
UniProt Protein Name	Tubulin beta-3 chain
UniProt Gene Name	TUBB3
UniProt Synonym Gene Names	TUBB4
UniProt Entry Name	TBB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.