

Recombinant Tubulin Beta 1 (TUBb1) Instruction Manual

SIPE978Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	32.6kDa
Accurate Molecular Mass	28kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro182~Glu437 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                PYNVLSIH QLIENTDACF  
CIDNEALYDI CFRTLRLTTP TYGDLNHLVS LTMSGITTSL RFPGQLNADL  
RKLAVNMVPF PRLHFFMPGF APLTAQGSQQ YRALSVAELT QQMF DARNIM  
AACDPRRGRY LTVACIFRGK MSTKEVDQQL LSIQTRNSNC FVEWIPNNVK  
VAVCDIPPRG LNMAATFLGN NTAIQELFTR VSEHFSAMFR RRAFVHWYTS  
EGMDISEFGE AESDIHDLVS EYQQFQDVRA GLEDSEE
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USAGE

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

