

Recombinant Microtubule Associated Protein 4 (MAP4) Instruction Manual

SIPB735Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	63.1kDa
Accurate Molecular Mass	63kDa(Analysis of differences refer to the manual)
Residues & Tags	Met243~Val549 with N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	4.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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APSKETEMAL AKDMALATKT EVALAKDMES PTKLDVTLAK DMQPSMESDM MGLKTTDM  
ALVKDMELPT EKEVALVKDV RWPTETDVSS AKNVVLPPTET EVAPAKDVTL  
LKETERASPI KMDLAPSKDM GPPKENKKET ERASPIKMDL APSKDMGPPK  
ENKIVPAKDL VLLSEIEVAQ ANDIISSTEI SSAEKVALSS ETEVALARDM  
TLPPETNVIL TKDKALPLEA EVAPVKDMAQ LPETEIAPAK DVAPSTVKEV  
GLLKMSPLS ETEMALGKDV TPPPETEVL IKNVCLPPEM EVALTEDQV
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

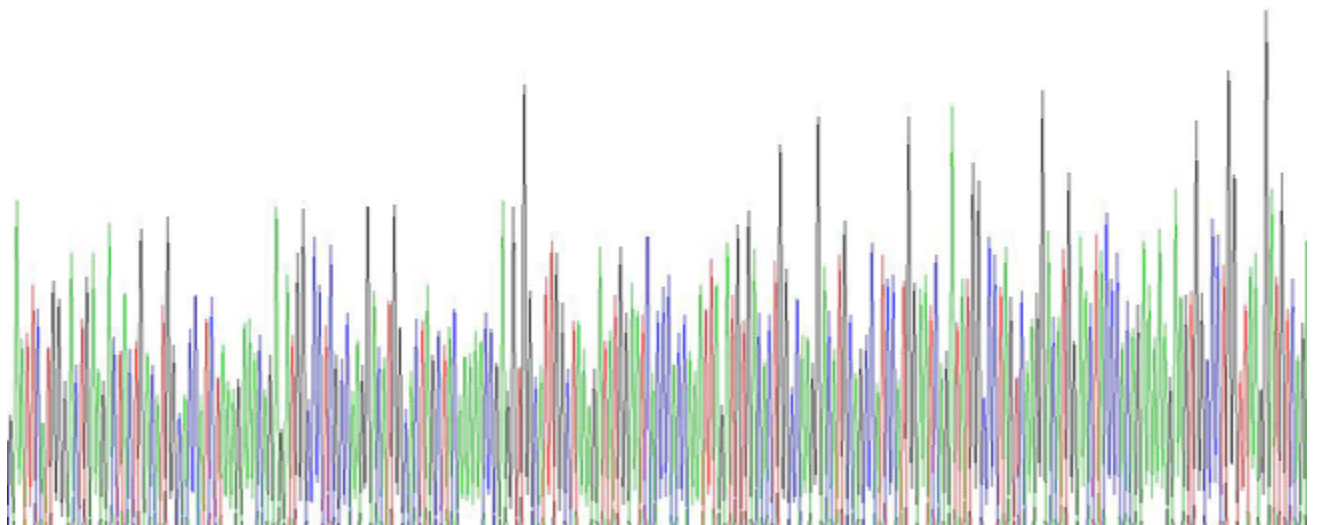


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

