

Eukaryotic Microtubule Associated Protein 7 (MAP7) Instruction Manual

SFPC330Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	39.1kDa
Accurate Molecular Mass	77kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu414~Ile749 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ERTPAEP EVGPAAPAMA PAPASAPAPA SAPAPAPVPT PAMVSAPSST VNASASVKTS AGTTDPEEAT RLLAEKRRLLA  
REQREKEERE RREQEELERQ KREELAQRVA EERTTRREEE SRRLEAEQAR EKEEQLQRQA EERALREREE AERAQRQKEE  
EARVREEAER VRQEREKHFQ REEQERLERK KRLEEIMKRT RRTEATDKKT SDQRNGDIAK GALTGGTEVS ALPCTTNAPG  
NGKPVGSPHV VTSHQSKVTV ESTPDLEKQP NENGVSVQNE NFEEIINLPI GSKPSRLDVT NSESPEIPLN PILAFDDEGT  
LGPLPQVDGV QTQQTAEVI
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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.