

Eukaryotic Myelin Basic Protein (MBP) Instruction Manual

SFPA141Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F Cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Nucleus
Predicted Molecular Mass	34.7kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Arg304 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	9.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MGNHAGKREL NAEKASTNSE TNRGESEKRR NLGELSRTTS EDNEVFGEAD  
ANQNGTSSQ DTAVTDSKRT ADPKNAWQDA HPADPGSRPH LIRLFSRDAP  
GREDNTFKDR PSESDELQTI QEDSAATSES LDVMASQKRP SQRHGSKYLA  
TASTMDHARH GFLPRHRDTG ILDSIGRFFG GDRGAPKRGs GKDSHHPART  
AHYGSLPQKS HGRTQDENPV VHFFKNIVTP RTPPPSQGKG RGLSLSRFSW  
GAEGQRPFG YGGRASDYKS AHKGFKGVDA QGTLSKIFKL GGRDSRSGSP  
MARR
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 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

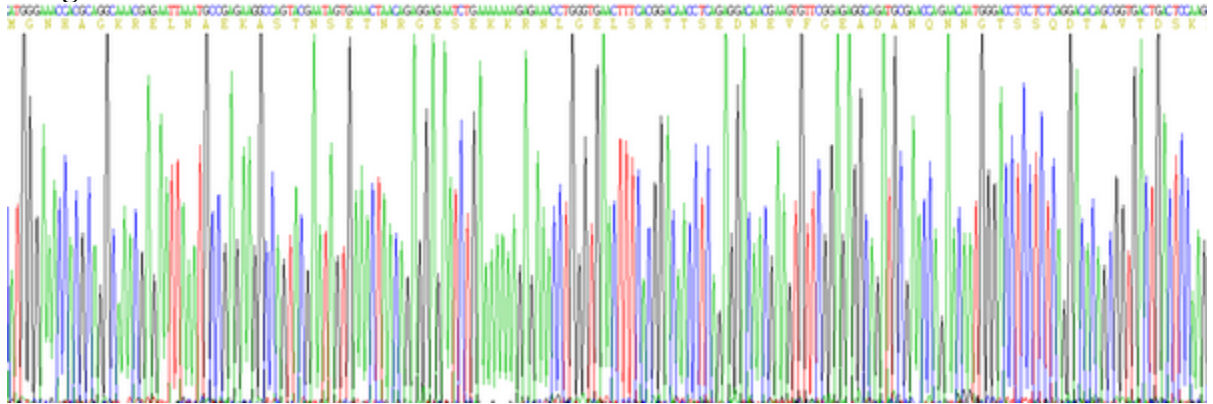


Figure. SDS-PAGE

[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.