

Recombinant Monoamine Oxidase B (MAOB) Instruction Manual

SIPC835Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Mitochondrion
Predicted Molecular Mass	58.7kDa
Accurate Molecular Mass	30&61kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser2~Val489 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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SNKCDVVVV GGGISGMAAA KLLHDSGLNV VVLEARDRVG GRTYTLRNQK  
VKYVDLGGSY VGPTQNRILR LAKELGLETY KVNEVERLIH HVKKGSYPPFR  
GPFPPVWNPI TYLDHNNFWR TMDDMGREIP SDAPWKAPLA EEWDNMTMKE  
LLDKLCWTES AKQLATLFVN LCVTAETHEV SALWFLWYVK QCGGTTRIIS  
TTNGGQERKF VGGSGQVSER IMDLLGDRVK LERPVIYIDQ TRENVLVETL  
NHEMYEAKYV ISAIPPTLGM KIHFNPPPLM MRNQMITRVP LGSVIKCIVY  
YKEPFWRKKD YCGTMIIDGE EAPVAYTLDD TKPEGNYAAI MGFILAHKAR  
KLARLTKEER LKKLCELYAK VLGSLEALEP VHYYEKNWCE EQYSGGCYTT  
YFPPGILTQY GRVLRQPVD R IYFAGTETAT HWSGYMEGAV EAGERAAAREI  
LHAMGKIPED EIWQSEPEPV DVPAQPITTT FLERHLPSV
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USAGE

Reconstitute in 10mM PBS (pH7.4) 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

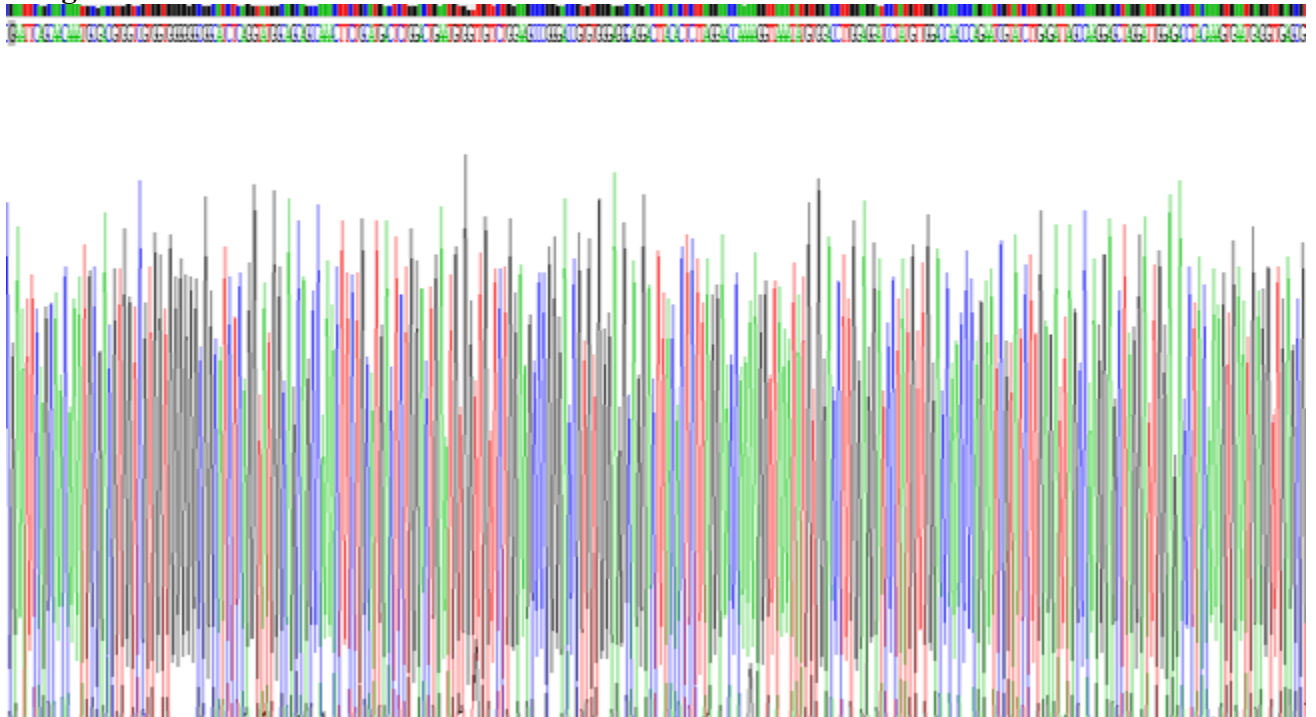


Figure. SDS-PAGE

[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.

