

**RPC643Mu01 10µg**  
**Recombinant Monoamine Oxidase B (MAOB)**  
**Organism Species: *Mus musculus* (Mouse)**  
***Instruction manual***

FOR RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Gln206~Thr505

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Mitochondrion

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 7.2

**Predicted Molecular Mass:** 37.6KDa

**Accurate Molecular Mass:** 38kDa as determined by SDS-PAGE reducing conditions.

**[ USAGE ]**

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

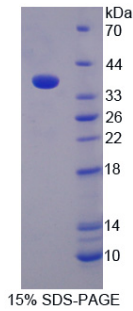
Aliquot and store at -80°C for 12 months.

**Stability Test:** 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.

**[ SEQUENCE ]**

QERKF IGGSGQVSR IKDILGDRVK LERPVIHIDQ TGENVIVKTL  
NHEIYEAKYV ISAIPPALGM KIHYSPLPM LRNQLISRVP LGSVIKCMVY  
YKEPFWRKGD FCGTMVIEGE EAPIAYTLDD TKPDGTAAI MGFILAHKAR  
KLVRLTKEER LRKLCELYAK VLNSQEALQP VHYEKNWCE EQYSGGCYTT  
YFPPGILTQY GRVLRQPVGK IFFAGTETAS HWSGYMEGAV EAGERAREI  
LHAIGKIPED EIWQPEPEL DVPARPITST FLERHLPSVP GLLKLFGLTT  
ILSAT

**[ IDENTIFICATION ]**



**[ 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.