



Recombinant Spermine Oxidase (SMOX)

Catalog No.: TP09924

50µg

Sequence Information

Species: Mouse

Gene ID:228608

Swiss Prot:Q99K82

Synonyms:SMO; PAO; PAOh1; C20orf16; Polyamine oxidase 1

Residues:Met1-Pro555

MQSCCESSGDSADDPLSRGLRRRGQPRVVIGAGLAGLAAARALLEQGFTDVTVLEASSHIGGRVQSVRLGDTTFELGA
TWIHGSHGNPIYQLAEANGLLEETTDGERSVGRISLYSKNGVACYLTNRGCRIPKDVVEEFSDLYNEVYNMTQEFFRH
GKPVNAESQNSVGVFTRKVRNRIRDDPDDTEATKRLKLAMIQQYLKVESCESSSHSIDEVSLSAFGEWTEIPGAHHI
IPSGFMRVVELLAEGIPPHVIQLGKPVRCIHWDQASAHPRGPEIEPRGEGDHNHDTGEGGQSGENPQQGRWDEDEPWP
VVVECEDCEVIPADHVIVTVSLGVLKRQYTSFFRPCLPTEKVAAIHRLGIGTTDKIFLEFEFPFWGPECNSLQFVWED
EAESCTLTYPPELWYRKICGFDVLYPPERYPYGHVLSGWICGEEALVMERCDDEAVAEICTEMLRQFTGNPNIPKPRRIL
RSAWGSNPYFRGSYSYTQVGSSGADVEKLAKPLPYTESSKTAPMQVLFSGEATHRKYYSTTHGALLSGQREAARLIEM
YRDLFQQGP

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag tag.

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 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: 5.2

Predicted Molecular Mass: 65.4.1kDa

Accurate Molecular Mass:68.5kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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.

[IDENTIFICATION]

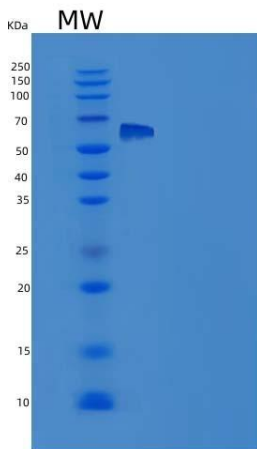


Figure 2. SDS-PAGE

[IMPORTANT NOTE]

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