



Recombinant Myoglobin (MYO)

Catalog No.: TP8660

100µg

Sequence Information

Species: *Gallus gallus*

Gene ID:418056

Swiss Prot:P02197

Synonyms:PVALB; MB

Residues:Met1~Gly154

MGLSDQEWQQVLTIWGKVEADIAGHGHEVLMRLFHDHPETLDRFDKFKGLKTPD

QMKGSEDLKKHGATVLTQLGKILKQKGNHESELKPLAQTHATKHKIPVKYLEFI

SEVIKVIKHAADFGADSGAAMKKALELFRNDMASKYKEFGFQG

Product Information

Source:Prokaryotic expression.

Host: *E. coli*

Tags: Two N-terminal Tags, His-tag and T7-tag

Subcellular Location: Secreted.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: Supplied as lyophilized form in PBS,pH7.4, containing 5% trehalose, 0.01% sarcosyl.

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: 8.0

Predicted Molecular Mass: 21.1kDa

Accurate Molecular Mass: 21kDa 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]

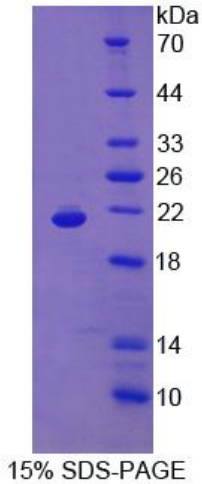


Figure 1. SDS-PAGE

[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.