

Recombinant Myoglobin (MYO)

Catalog No.: TP11349 100µg

	8
Sequence Information	
Species: Human	Gene ID:4151
Swiss Prot:P02144	Synonyms:PVALB; MB
Residues:Met1-Gly154	
MGLSDGEWQLVLNVWGKVEADIPGHGQEVLIRLFKGHPE	TLEKFDKFKHLKSED
EMKASEDLKKHGATVLTALGGILKKKGHHEAEIKPLAQS	HATKHKIPVKYLEFI
SECIIQVLQSKHPGDFGADAQGAMNKALELFRKDMASNY	'KELGFQG
Product Information	
Source: Recombinant expression.	
Host: E.coli	
Tags: N-terminal His-Tag	
Subcellular Location: Secreted.	
Purity: >90%	
Traits: Freeze-dried powder	
Buffer formulation: PBS, pH7.4, containing	g 0.01% SKL, 1mM DTT, 5% Trehalose and
Proclin300.	
Original Concentration: 200µg/mL	
Applications: Positive Control; Immunogen	i; SDS-PAGE; WB.
(May be suitable for use in other assays to b	be determined by the end user.)
Predicted isoelectric point: 7.9	
Predicted Molecular Mass: 20.9kDa	
Accurate Molecular Mass: 21kDa as deter	mined by SDS-PAGE reducing conditions.
[USAGE]	

[<u>USAGE</u>]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[<u>STORAGE AND STABILITY</u>]

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]

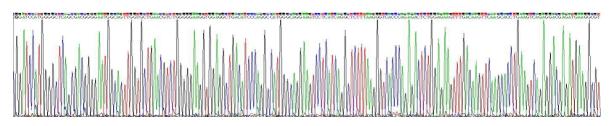


Figure 1. Gene Sequencing (Extract)

KDa	
180 130 100	_
70	-
55	
40	-
35 25	
25	
15	-
10	

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.