



Recombinant Porcine Myoglobin [His] (DAGC580)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Met1~Gly154 with N-terminal His Tag
Species	Porcine
Purity	> 95%
Conjugate	His
Applications	Positive Control, Immunogen, SDS-PAGE, WB
Molecular Weight	20.8 kDa
Reconstitution	Reconstitute in PBS or others.
Format	Lyophilized
Size	10 µg, 50 µg, 200 µg
Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Preservative	Proclin300
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

BACKGROUND

Introduction	Myoglobin (symbol Mb or MB) is an iron- and oxygen-binding protein found in the skeletal muscle tissue of vertebrates in general and in almost all mammals. Myoglobin is distantly related to hemoglobin. Compared to hemoglobin, myoglobin has a higher affinity for oxygen
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and does not have cooperative-binding with oxygen like hemoglobin does. But at the core, it is an oxygen-binding protein in red blood cells. In humans, myoglobin is only found in the bloodstream after muscle injury.

Keywords

Myoglobin; MYO; MB; Porcine myoglobin; Pig myoglobin
