

Datasheet for ABIN7314940

Myeloperoxidase Protein (MPO) (AA 16-718) (His tag)



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Overview

Quantity:	50 µg
Target:	Myeloperoxidase (MPO)
Protein Characteristics:	AA 16-718
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Myeloperoxidase protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Mouse Myeloperoxidase Protein is produced by mammalian expression system and the target gene encoding Met16-Thr718 is expressed with a 10His tag at the C-terminus.
Sequence:	MLQTSNGATP ALLGEVENSV VLSCMEEAKQ LVDRAKERR ESIKRSLSQG SASPTLLFY FKQPVAGTRT AVRAADYLHV ALDLLKRKLQ PLWPRPFNVT DVLTPAQLNL LSVSSGCAYQ DVRVTCPPND KYRTITGHCN NRRSPTLGAS NRAFVRWLPA EYEDGVSMFP GWTPGVNRNG FKVPLARQVS NAIVRFPNDQ LTKDQERLAL FMQWGQFLDH DITLTPEPAT RFSFFTGLNC ETSCLQQPPC FPLKIPPNDP RIKNQKDCIP FFRSCPACTR NNITIRNQIN ALTSFVDASG VYGSEDPLAR KLRNLTNQLG LLAINTRFQD NGRALMPFDS LHDDPCLLTN RSARIPCFLA GDMRSSEMPE LTSMHTLFVR EHNRLATQLK RLNPRWNGEK LYQEARKIVG AMVQIITYRD YLPLVLGPAA MKKYLPPQYRS YNDSVDPRIA NVFTNAFRYG HTLIQPFMFR LNNQYRPTGP NPRVPLSKVF FASWRVLEG GIDPILRGLM ATPAKLNRQN QIVVDEIRER LFEQVMRIGL DLPALNMQRS RDHGLPGYNA WRRFCGLPQP STVGELGTVL KNLELARKLM AQYGTNNID

Product Details

IWMGGVSEPL EPNGRVGQLL ACLIGTQFRK LRDGDRFWWE NPGVFSKQQR QALASISLPR
IICDNTGITT VSKNNIFMSN TYPRDFVSCN TLPKLNLT SW KETHHHHHHH HHH

Purity: Greater than 95 % as determined by reducing SDS-PAGE.

Sterility: 0.2 µm filtered

Target Details

Target: Myeloperoxidase (MPO)

Alternative Name: MPO ([MPO Products](#))

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.