

Active Recombinant Mouse Mpo, His-tagged

Cat. No. Mpo-418M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mpo (Accession # AAR99349) Met16-Thr718, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	16-718 a.a.
Predicted N Terminal	Met16
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to oxidize guaiacol in the presence of hydrogen peroxide. Capeillere-Blandin, C. (1998) Biochem J. 336 :395. The specific activity is >8,000 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Mpo, His-tagged has a calculated MW of 81 kDa. In SDS-PAGE migrates as 85-95 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Mpo myeloperoxidase [Mus musculus]
Official Symbol	Mpo
Synonyms	MPO; myeloperoxidase; mKIAA4033; KIAA4033;
Gene ID	17523
mRNA Refseq	NM_010824
Protein Refseq	NP_034954
MIM	

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