

Recombinant Mouse Mpo protein, His-tagged

Cat. No. Mpo-2637M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mpo aa. (Val139~Gly252 (Accession # P11247)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val139~Gly252
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.05% sarcosyl and preservative
Reconstitution	Reconstitute in sterile ddH2O

GENE INFORMATION

Gene Name	Mpo myeloperoxidase [Mus musculus (house mouse)]
Official Symbol	Mpo
Synonyms	Mpo; myeloperoxidase; mKIAA4033
Gene ID	17523
mRNA Refseq	NM_010824.2
Protein Refseq	NP_034954.2
UniProt ID	P11247

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