

Recombinant Mouse Mpo Protein, Myc/DDK-tagged

Cat. No. Mpo-4123M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myeloperoxidase (Mpo), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Part of the host defense system of polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the production of hypohalous acids, primarily hypochlorous acid in physiologic situations, and other toxic intermediates that greatly enhance PMN microbicidal activity.
Molecular Mass	81.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Mpo myeloperoxidase [Mus musculus (house mouse)]
Official Symbol	Mpo
Synonyms	MPO; myeloperoxidase; mKIAA4033; KIAA4033
Gene ID	17523
mRNA Refseq	NM_010824
Protein Refseq	NP_034954
UniProt ID	P11247

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