

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Myeloperoxidase, Recombinant, Mouse (MPO, Myeloperoxidase Precursor) USB-M9760-10L

Article Name	Myeloperoxidase, Recombinant, Mouse (MPO, Myeloperoxidase Precursor)
Biozol Catalog Number	USB-M9760-10L
Supplier Catalog Number	M9760-10L
Alternative Catalog Number	USB-M9760-10L-250
Manufacturer	US Biological
Category	Molekularbiologie
Product Description	Mouse Myeloperoxidase (MPO) is a heme-containing enzyme belonging to the XPO subfamily of peroxidases. It is an abundant neutrophil and monocyte glycoprotein that catalyzes the hydrogen peroxide-dependent conversion of chloride, bromide, and iodide to their respective hypohalous acids. MPO is also involved in the production of hypochlorous acid, which is a potent antimicrobial agent. The enzyme is secreted by neutrophils and monocytes during inflammation and has been implicated in various biological processes, including cell signaling and tissue remodeling.
Molecular Weight	81
NCBI	99349
Purity	90% by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining. Endotoxin: 1EU/ug (LAL)
Form	Supplied as a lyophilized powder from PBS, pH 7.4. Reconstitute with 500ul sterile ddH2O.