

## Myeloperoxidase Human

Item Number	rAP-1427
Synonyms	Myeloperoxidase, EC 1.11.1.7, MPO.
Description	MPO is a natural protein having a molecular mass of 150kDa containing 2 subunits each of a heavy chain with 64kDa and a light chain with 13kDa. MPO is isolated from human peripheral blood polymorphonuclear leukocytes.
Uniprot Accession Number	P05164
Amino Acid Sequence	
Source	Human peripheral blood polymorphonuclear leukocytes.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.
Formulation and Purity	MPO solution is supplied in 20mM HEPES buffer pH-7.5, 200mM NaCl and 20% glycerol. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**