

## 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 Accesion 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**