

MPO

Native Human Myeloperoxidase

Catalog No.	CSI19688A	Quantity:	1.0 mg
	CSI19688B		3.0 mg

Description: Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, MPO is subsequently cleaved into a light and heavy chain. The mature MPO is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils. MPO is a peroxidase enzyme and lysosomal protein stored in azurophilic granules of the neutrophils. Since Human MPO has a heme pigment, it causes the green color in secretions rich in neutrophils.

Gene ID: 4353

Source: Human Neutrophils

Formulation: Lyophilized

Purity: >96% by SDS-PAGE

Biological Activity: Typically >250 U/vial

430 to 280 ratio: RZ>0.75

Storage & Stability: Store at -20°C.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

