
Recombinant human MPO protein, N-His

Catalog Number: bs-44018P

Concentration: >0.5mg/ml

Species: Human

AA Seq: 150-250/745

Predicted MW: 13.2 kDa

Tags: N-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 20mM Tris-HCl (pH8.0) with 2M Urea.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: 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, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils.

[provided by RefSeq, Nov 2014]

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.