

**Myeloperoxidase, Human Neutrophil recombinant protein**  
**MPO, Peroxidase, myelo**  
**Catalog # PBV10394r****Specification**

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**Myeloperoxidase, Human Neutrophil recombinant protein - Product info**

Primary Accession [P05164](#)  
Calculated MW **150.0 kDa** KDa

**Myeloperoxidase, Human Neutrophil recombinant protein - Additional Info**

Gene ID **4353**  
Gene Symbol **MPO**  
**Other Names**  
MPO, Peroxidase, myelo

Source **Human Neutrophil**  
Assay&Purity **SDS-PAGE; ≥95%**  
Assay2&Purity2 **HPLC;**  
Recombinant **No**  
**Application Notes**  
Deionized H<sub>2</sub>O

**Format**  
Lyophilized protein

**Storage**  
-20°C; Lyophilized from 50 mM Na acetate, pH 6.0 with 100 mM NaCl

**Myeloperoxidase, Human Neutrophil recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Myeloperoxidase, Human Neutrophil recombinant protein - Images****Myeloperoxidase, Human Neutrophil recombinant protein - Background**

Myeloperoxidase (MPO) is a heme protein that belongs to the XPO subfamily of the heme peroxidase superfamily. This heme protein catalyzes oxidations by hydrogen peroxide, including MPO- chloride mediated killing of microbes and tumor cells, inactivation of hemotactic factors,

crosslinking of proteins and inclination of proteins.

### **Myeloperoxidase, Human Neutrophil recombinant protein - References**

- Morishita K.,et al.J. Biol. Chem. 262:3844-3851(1987).  
Morishita K.,et al.J. Biol. Chem. 262:15208-15213(1987).  
Seto P.,et al.J. Clin. Invest. 80:1205-1208(1987).  
Johnson K.R.,et al.Nucleic Acids Res. 15:2013-2028(1987).  
Hashinaka K.,et al.Biochemistry 27:5906-5914(1988).