

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

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 H₂O

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).