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Eosinophil Peroxidase, Human Eosinophils recombinant protein

EPO

Catalog # PBV10094r

Specification

Eosinophil Peroxidase, Human Eosinophils recombinant protein - Product info

Primary Accession	P11678
Calculated MW	70.5 kDa KDa

Eosinophil Peroxidase, Human Eosinophils recombinant protein - Additional Info

Gene ID	8288
Gene Symbol	EPX
Other Names	
EPO, EPER, EPP	
Gene Source	Human
Source	Human eosinophils
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC;
Recombinant	No
Target/Specificity	
Eosinophil Peroxidase	

Application Notes
Reconstitute in deionized H_2O. Aliquot and store at –20°C. Avoid freeze-thaw cycles.

Format
Lyophilized protein

Storage
-20°C; Lyophilized from 20 mM NaH2PO4, pH 7.5, and 150 mM NaCl

Eosinophil Peroxidase, Human Eosinophils 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 Cytomety
- Cell Culture

Eosinophil Peroxidase, Human Eosinophils recombinant protein - Images

Eosinophil Peroxidase, Human Eosinophils recombinant protein - Background

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Native, human eosinophil peroxidase is a secreted hemoprotein that catalyzes oxidations of various substrates by hydrogen peroxide. Together with other leukocyte-derived enzymes, such as Myeloperoxidase, EPO plays an important role in the pathogenesis of asthma by mediating oxidative events that lead to the production of ROS (reactive oxygen species) and RNS (reactive nitrogen species).

Eosinophil Peroxidase, Human Eosinophils recombinant protein - References

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