

Native Human Eosinophil Peroxidase

Cat. No. EPX-1862H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This native Human EPX is a dimer consisting of both heavy and light chain and expressed in Human Eosinophils.
Species	Human
Source	Human Eosinophils
Description	EPX is one of the most abundant granule proteins in human eosinophils and functions as an oxidant. The enzyme is released at sites of infection or allergen stimulation to mediate lysis of bacteria, protozoa, or parasitic worms.
Form	Liquid. Phosphate + NaCl Buffer, pH 7.5.
Molecular Weight	77 kDa
Purity	> 98% by SDS Page
Endotoxin Level	< 0.1ng/μg of protein.
Concentration	> 0.5 mg protein/ml
Storage	Storage at 2-4°C.
Official Symbol	EPX

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Pathways Asthma

GENE INFORMATION

Gene Name EPXeosinophil peroxidase [Homo sapiens]

Synonyms EPX; eosinophil peroxidase; EPO;EPP; EPX-PEN; EC 1.11.1.7; Eosinophil peroxidase; Eosinophil peroxidase lightchain; Eosinophil peroxidase heavy chain

Gene ID 8288

mRNA Refseq NM_000502

Protein Refseq NP_000493

MIM 131399

UniProt ID P11678

Chromosome Location 17q23.1

Function oxidoreductase activity; peptidaseactivity;metal ion binding; heme binding

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