

Product datasheet for **AR00044PU-N**

Eosinophil peroxidase Human Protein

Product data:

Product Type:	Native Proteins
Description:	Eosinophil peroxidase human protein, 0.2 mg
Species:	Human
Protein Source:	Eosinophils
Concentration:	lot specific
Purity:	>95% pure by SDS-PAGE.
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20mM HEPES-NaOH, pH 8.0 containing 0.4M Sodium Chloride, 0.1mM PMSF, 0.02% Lubrol with 0.09% preservative, Bromo-nitro-dioxane/methylisothiazolone.
Preparation:	Liquid purified protein
Protein Description:	Human Eosinophil Peroxidase.
Note:	Caution: Contains human source material. No known test method can offer complete assurance that infectious agents are absent. All human source products should be handled using the same safety precautions employed when handling any potentially infectious material.
Storage:	Store the protein at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000493
Locus ID:	8288
Cytogenetics:	17q22
Synonyms:	EPO; EPP; EPX-PEN; EPXD



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Summary: This gene is a member of the peroxidase gene family and is expressed in eosinophils. The encoded preproprotein is proteolytically processed into covalently attached heavy and light chains to form the mature enzyme, which functions as an oxidant. The enzyme is released at sites of parasitic infection or allergen stimulation to mediate lysis of protozoa or parasitic worms. The gene is found in a gene cluster with other peroxidase genes on chromosome 17. Mutations in this gene result in eosinophil peroxidase deficiency. [provided by RefSeq, Feb 2016]

Protein Families: Druggable Genome

Protein Pathways: Asthma