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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EPX (Human) Recombinant Protein (P01)

Catalog Number: H00008288-P01

Regulation Status: For research use only (RUO)

Product Description: Human EPX full-length ORF (AAI11603.1, 1 a.a. - 715 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MHLLPALAGVLATLVLAQPCGTDSPASPGAVETSVLR
DCIAEAKLLVDAAYNWTQKSIKQRLRSGSASPMDLLSY
FKQPVAATRTVVRAADYMHVALGLLEEKLPQRSGPF
NVTDLTEPQLRLLSQASGCALRDQAERCSDKYRTIT
GRCNNKRRPLLGSNQALARWLPAYEDGLSLPFGW
TPSRRRNGFLLPLVRAVSNQIVRFPNERLTSDRGRAL
MFMQWGQFIDHDLDFSPESPARVAFTAGVDCERTCA
QLPPCFPIKIPPNDPRIKNQRDCIPFFRSAPSCPQKN
RVRNQINALTSFVDASMVYGSEVSLSLRLNRNTNYLGL
LAINQRFQDNGRALLPFDNLHDDPCLLTNRSARIPCFL
AGDTRSTETPKLAAMHTLFMREHNRLATELRLNPRW
NGDKLYNEARKIMGAMVQIITYRDFLPLVLGKARARRT
LGHYRGYCSNVDPRVANVFTLAFRFGHTMLQPFMFRL
DSQYRASAPNSHVPLSSAFFASWRIVYEGGIDPILRGL
MATPAKLNQRQDAMLVDELDRDLFRQVRRIGLDLAALN
MQRSRDHGLPGYNARRFCGLSQPRNLAQLSRVLKN
QDLARKFLNLYGTPDNIDIWIGIAEPLPGARVGPLLA
CLFENQFRRARDGDRFWWQKRGVFTKRQRKALSRI
LSRIICDNTGITTVSRDIFRANIYPRGFVNCSRIPRLNLS
AWRGT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 105.6

Interspecies Antigen Sequence: Mouse (89); Rat (89)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8288

Gene Symbol: EPX

Gene Alias: EPO, EPP, EPX-PEN

Gene Summary: This gene is a member of the peroxidase gene family and is expressed in eosinophils. The encoded precursor protein is 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 cluster of three peroxidase genes at chromosome 17q23. Mutations in this gene result in eosinophil peroxidase deficiency. [provided by RefSeq]