Eosinophil peroxidase (EPX) Recombinant Protein | EPX recombinant protein

Recombinant Human Eosinophil peroxidase (EPX)

CATALOG #	HOST
AAA113755	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Eosinophil peroxidase (EPX); Recombinant Human Eosinophil peroxidase (EPX); EPX recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	140-715aa; Full length of the mature protein
Sequence	RCSDKYRTIT GRCNNKRRPL LGASNQALAR WLPAEYEDGL SLPFGWTPSR RRNGFLLPLV RAVSNQIVRF PNERLTSDRG RALMFMQWGQ FIDHDLDFSP ESPARVAFTA GVDCERTCAQ LPPCFPIKIP PNDPRIKNQR DCIPFFRSAP SCPQNKNRVR NQINALTSFV DASMVYGSEV SLSLRLRNRT NYLGLLAINQ RFQDNGRALL PFDNLHDDPC LLTNRSARIP CFLAGDTRST ETPKLAAMHT LFMREHNRLA TELRRLNPRW NGDKLYNEAR KIMGAMVQII TYRDFLPLVL GKARARRTLG HYRGYCSNVD PRVANVFTLA FRFGHTMLQP FMFRLDSQYR ASAPNSHVPL SSAFFASWRI VYEGGIDPIL RGLMATPAKL NRQDAMLVDE LRDRLFRQVR RIGLDLAALN MQRSRDHGLP GYNAWRRFCG LSQPRNLAQL SRVLKNQDLA RKFLNLYGTP DNIDIWIGAI AEPLLPGARV GPLLACLFEN QFRRARDGDR FWWQKRGVFT KRQRKALSRI SLSRIICDNT GITTVSRDIF RANIYPRGFV NCSRIPRLNL SAWRGT
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for EPX recombinant protein	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503595
NCBI GeneID	8288
NCBI Accession #	NP_000493.1
NCBI GenBank Nucleotide #	NM_000502.5
UniProt Accession #	P11678; Q4TVP3
Molecular Weight	81,040 Da
NCBI Official Full Name	eosinophil peroxidase preproprotein

NCBI Official Synonym Full Names	eosinophil peroxidase
NCBI Official Symbol	EPX
NCBI Official Synonym Symbols	EPO; EPP; EPXD; EPX-PEN
NCBI Protein Information	eosinophil peroxidase
UniProt Protein Name	Eosinophil peroxidase
UniProt Gene Name	**EPX**
UniProt Synonym Gene Names	EPER; EPO; EPP; EPO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/epx-recombinant-protein-e-coli/113755