

Eosinophil Peroxidase Recombinant Protein | EPX recombinant protein

Recombinant Eosinophil Peroxidase (EPX)

CATALOG # AAA150301	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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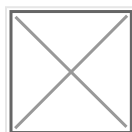
PRODUCT SYNONYMS

Eosinophil Peroxidase; Recombinant Eosinophil Peroxidase (EPX); EPO; EPP; EPX-PEN; EPER; EPX recombinant protein

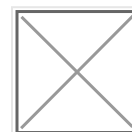
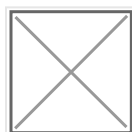
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 600ug/mL (varies by lot)
Applicable Applications for EPX recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Val251~Thr715
Tags	Two N-terminal Tags, His-tag and SUMO-tag
Subcellular Location	Cytoplasm
Predicted isoelectric point	11.3
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE


Gene Sequence
Gene Sequencing (extract)


Sequence

ADDITIONAL INFORMATION

Product Categories/Family for EPX recombinant protein	Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1352738
NCBI GeneID	8288
UniProt Accession #	P11678
Molecular Weight	Predicted Molecular Mass: 67.1kDa Accurate Molecular Mass: 67kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Eosinophil peroxidase
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
UniProt Entry Name	PERE_HUMAN

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://stage.aaabiotech.com/epx-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150301>