

Recombinant Mouse EPX Protein, His-GST-tagged

Cat. No. EPX-5257M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse EPX Protein(NP_031972.2)(Gln19~Arg300), fused to two N-terminal tags, His tag and GST tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln19~Arg300
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	62kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Epx eosinophil peroxidase [Mus musculus]
Official Symbol	EPX
Synonyms	E; EPO
Gene ID	13861
mRNA Refseq	NM_007946.2
Protein Refseq	NP_031972.2
UniProt ID	P49290

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SDS-PAGE

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