

Recombinant Rat Hao1 Protein, His-tagged

Cat. No. Hao1-458R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hao1(Gly102~Lys357) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gly102~Lys357
Description	catalyzes the oxidation of glycolate to glyoxylate and H ₂ O ₂ ; may be involved in response to oxidative stress
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	29.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
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 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION**Gene Name**

Hao1 hydroxyacid oxidase (glycolate oxidase) 1 [*Rattus norvegicus*]

Official Symbol

Hao1

Synonyms

HAO1; hydroxyacid oxidase (glycolate oxidase) 1; hydroxyacid oxidase 1; glycolate oxidase; hydroxyacid oxidase 1, liver; Gox1; XDH1;

Gene ID

311446

mRNA Refseq

NM_001107780

Protein Refseq

NP_001101250

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