

Recombinant Rat Hao2 Protein, His-tagged

Cat. No. Hao2-1615R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hao2 Protein (Pro2-Leu223) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Pro2-Leu223
Description	Enables (S)-2-hydroxy-acid oxidase activity; FMN binding activity; and identical protein binding activity. Involved in mandelate metabolic process. Located in peroxisome. Orthologous to human HAO2 (hydroxyacid oxidase 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.9 kDa Accurate Molecular Mass: 29 kDa
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

 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

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.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Hao2 hydroxyacid oxidase 2 (long chain) [*Rattus norvegicus* (Norway rat)]

Official Symbol

Hao2

Synonyms

HAO2; hydroxyacid oxidase 2 (long chain); hydroxyacid oxidase 2; HAOX2; long-chain L-2-hydroxy acid oxidase; hydroxyacid oxidase 3 (medium-chain); long chain alpha-hydroxy acid oxidase; (S)-2-hydroxy-acid oxidase, peroxisomal; Hao3;

Gene ID

84029

mRNA Refseq

NM_032082

Protein Refseq

NP_114471

UniProt ID

Q07523

 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