Recombinant Rat HAAO protein(Met1-Gly286), His-tagged

Cat. No. HAAO-1128R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Haao (NP_064461.1) (Met1-Gly286) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Species	Rat
Source	E.coli
ProteinLength	Met1-Gly286
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat Haao consists 304 amino acids and predicts a molecular mass of 34.8 kDa.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	Haao 3-hydroxyanthranilate 3,4-dioxygenase [Rattus norvegicus]
Official Symbol	HAAO
Synonyms	HAAO; 3-hydroxyanthranilate 3,4-dioxygenase; HAD; 3-HAO; 3-hydroxyanthranilate oxygenase; 3-hydroxyanthranilic acid dioxygenase;
Gene ID	56823
mRNA Refseq	NM_020076
Protein Refseq	NP_064461

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