

Recombinant Human HAAO Protein, His/GST-tagged

Cat. No. HAAO-420H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HAAO (NP_036337.2) (Met1-Gly286) was expressed with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).
Species	Human
Source	Insect Cells
ProteinLength	Met1-Gly286
Predicted N Terminal	Met
Form	Lyophilized from sterile 50 mM Tris, 150 mM NaCl, 25 %glycine, 1 mM TCEP, 0.5 mM GSH. Normally 5 %- 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human HAAO consists of 523 amino acids and predicts a molecular mass of 60.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -70 centigrade. Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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

Gene Name	HAAO 3-hydroxyanthranilate 3,4-dioxygenase [Homo sapiens]
Official Symbol	HAAO
Synonyms	HAAO; 3-hydroxyanthranilate 3,4-dioxygenase; HAD; 3-hydroxyanthranilate oxygenase; 3-hydroxyanthranilic acid dioxygenase; HAO; 3-HAO;
Gene ID	23498
mRNA Refseq	NM_012205
Protein Refseq	NP_036337
MIM	604521
UniProt ID	P46952

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