Catalog Number: 514804



# **General Information**

### Gene Name Synonym

3-hydroxyanthranilate oxygenase; 3-HAO; 3hydroxyanthranilic acid dioxygenase; HAD

## **Protein Construction**

A DNA sequence encoding the human HAAO (NP\_036337.2) (Met1-Gly286) was expressed with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).

### Organism

Human

## **Expression Host**

Baculovirus-Insect Cells

## **QC Testing**

#### Purity

> 95 % as determined by SDS-PAGE.

#### Endotoxin

< 1.0 EU per  $\mu g$  protein as determined by the LAL method.

## Stability

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\mathrm{C}$ 

## **Predicted N terminal**

Met

#### **Molecular Mass**

The recombinant human HAAO consists of 523 amino acids and predicts a molecular mass of 60.4 kDa.

### Formulation

Lyophilized from sterile 50 mM Tris, 150 mM NaCl, 25 %glycine, 1 mM TCEP, 0.5 mM GSH. 1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

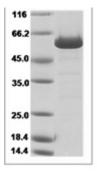
#### Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

#### **SDS-PAGE**



## Human HAAO / 3-HAO Protein 15335