

General Information

Gene Name Synonym

3-hydroxyanthranilate oxygenase; 3-HAO; 3-hydroxyanthranilic 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 μg protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70°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

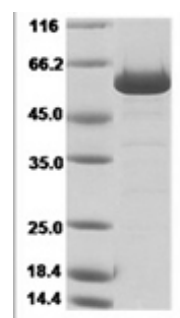
Storage

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