

Human HAO1 (His Tag) recombinant protein



Catalog Number: 501791

General Information

Gene Name Synonym

cDNA FLJ78493, highly similar to Homo sapiens hydroxyacid oxidase (glycolate oxidase) 1 (HAO1); cDNA, FLJ94465, Homo sapiens hydroxyacid oxidase (glycolate oxidase) 1 (HAO1), mRNA

Protein Construction

A DNA sequence encoding the native human HAO1 (NP_060015.1) (Leu 2-Ile 370) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

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 HAO1 consisting of 376 amino acids and migrates as an 42 kDa band in SDS-PAGE under reducing conditions as predicted.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

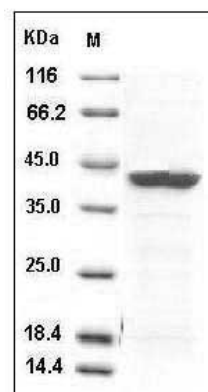
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human HAO1 / GOX1 Protein (His Tag) SDS-PAGE