Human AKR1C2 / DDH2 (His Tag) recombinant protein

Catalog Number: 501273

General Information

Gene Name Synonym

3-alpha-HSD3; Chlordecone reductase homolog HAKRD; Dihydrodiol dehydrogenase 2; Dihydrodiol dehydrogenase/bile acid-binding protein; Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase; Type III 3-alpha-hydroxysteroid dehydrogenase

Protein Construction

A DNA sequence encoding the mature form of human AKR1C2 (P52895-1) (Met1-Tyr323) was expressed with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 90 % 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℃

Predicted N terminal

His

Molecular Mass

The recombinant human AKR1C2 consists of 338 amino acids and predicts a molecular mass of 38.6 KDa. It migrates as an approximately 37 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4.
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

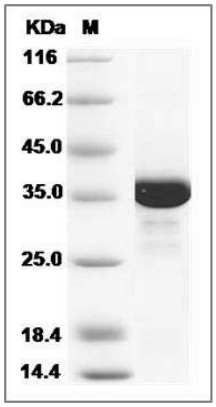
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 AKR1C2 Protein (His Tag) SDS-PAGE