

Recombinant Human Aldo-Keto Reductase 1C2/AKR1C2 Protein

Cat.NO.: TP05896

3th Edition

Synonyms:Aldo-Keto Reductase Family 1 Member C2; 3-Alpha-HSD3; Chlordecone Reductase Homolog HAKRD; Dihydrodiol Dehydrogenase 2; DD-2; DD2; Dihydrodiol Dehydrogenase/Bile Acid-Binding Protein; DD/BABP; Trans-1;2-Dihydrobenzene-1;2-Diol Dehydrogenase; Type III 3-Alpha-Hydroxysteroid Dehydrogenase; AKR1C2; DDH2

Description:Aldo-Keto Reductase Family 1 Member C2 (AKR1C2) plays a role in concert with the 5- α /5- β -Steroid Reductases to convert Steroid hormones into the 3- α /5- β and 3- β /5- α -Tetrahydrosteroids. AKR1C2 catalyzes the inactivation of the most potent androgen 5- α -Dihydrotestosterone (5- α -DHT) to 5- α -Androstane-3- β , 17- β -diol (3- β -diol).

Form:PBS

Molecular Weight:36.7 kDa

Sequences:Met 1-Tyr323

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 μ g of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.