Product Name: Recombinant Human AKR1C2
Catalog #: PEH0039

Summary

Name	AKR1C2/Aldo-keto reductase family 1 member C2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Aldo-Keto Reductase Family 1 Member C2 is produced by our E.coli expression system and the target gene encoding Met1-Tyr323 is expressed.
Accession #	P52895
Host	E.coli
Species	Human
Predicted Molecular Mass	36.74 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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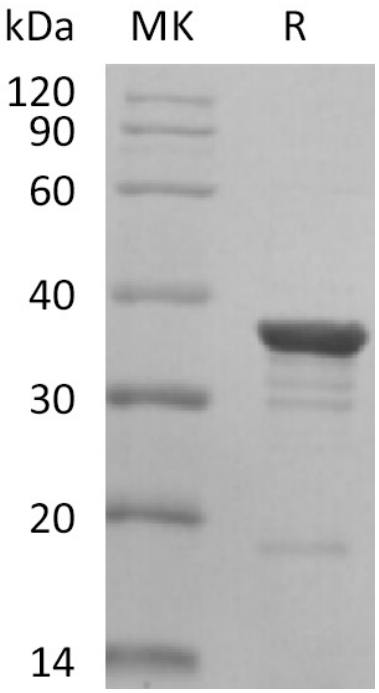

Alternative Names

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

Background

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-α and 3-α/5-β-Tetrahydrosteroids. AKR1C2 catalyzes the inactivation of the most potent androgen 5-α-Dihydrotestosterone (5-α-DHT) to 5-α-Androstane-3-α, 17-β-diol (3-α-diol).

Note

For Research Use Only , Not for Diagnostic Use.