

Recombinant Human AKR1C2 protein, His-tagged

Cat. No. AKR1C2-456H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKR1C2 protein(P52895-1) (Met1-Tyr323) was expressed in E.coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-323 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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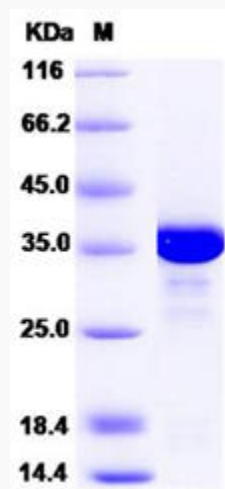
 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	AKR1C2 aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III) [Homo sapiens]
Official Symbol	AKR1C2
Synonyms	AKR1C2; aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III); DDH2; aldo-keto reductase family 1 member C2; BABP; DD; DD2; HAKRD; MCDR2; DD-2; DD/BABP; 3-alpha-HSD3; pseudo-chlordecone reductase; type II dihydrodiol dehydrogenase; chlordecone reductase homolog HAKRD; trans-1,2-dihydrobenzene-1,2-diol dehydrogenase; HBAB; SRXY8; AKR1C-pseudo; FLJ53800;
Gene ID	1646
mRNA Refseq	NM_001135241
Protein Refseq	NP_001128713
MIM	600450
UniProt ID	P52895

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SDS-PAGE

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