

Recombinant Human AKR1C2 protein, His-SUMO-tagged

Cat. No. AKR1C2-2502H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKR1C2 protein(P52895)(1-323aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-323aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	52.7 kDa
AA Sequence	MDSKYQCVKLNDGHFMPVLGFGTYAPAEVPSKALEAVKLAIEAGFHHIDSAHVYN NEEQVGLAIRSKIADGSVKREDIFYTSKLWSNSHRPELVRPALERSLKNLQLDYVDLY LIHFPVSVKPGEEVIPKDENGKILFDTVDLCATWEAMEKCKDAGLAKSIGVSNFNHRL LEMILNKPGLKYKPVCNQVECHPYFNQRKLLDFCKSKDIVLVAYSALGSHREEPWVD PNSPVLLDPVLCALAKKHKRTPALIALRYQLQRGVVVLAKSYNEQRIRQNVQVFEF QLTSEEMKAIDGLNRNVRYLTLDIFAGPPNYPFSDEY
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
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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