

## Recombinant Human AKR1C3 protein, His-tagged

Cat. No. AKR1C3-11H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AKR1C3 protein(P42330)(Met1-Tyr323), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Tyr323
<b>Tag</b>	C-His
<b>Form</b>	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 6% Sucrose, 2% Glycine, 100mM NaCl, 0.05% Tween 80, pH 6.0.
<b>Molecular Mass</b>	37.9 kDa
<b>Endotoxin</b>	< 1 EU/μg as determined by LAL test.
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Storage</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

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It is not recommended to reconstitute to a concentration less than 100µg/ml.  
 Dissolve the lyophilized protein in distilled water.  
 Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## GENE INFORMATION

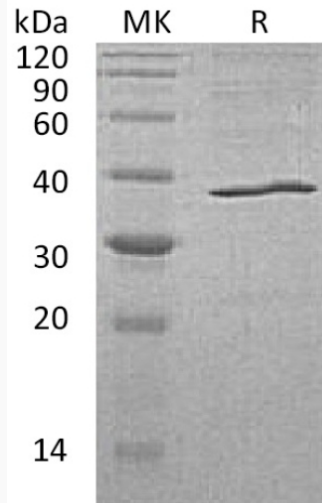
<b>Gene Name</b>	AKR1C3 aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II) [ Homo sapiens ]
<b>Official Symbol</b>	AKR1C3
<b>Synonyms</b>	AKR1C3; aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II); HSD17B5, hydroxysteroid (17 beta) dehydrogenase 5; aldo-keto reductase family 1 member C3; DDX; dihydrodiol dehydrogenase X; HAKRB; KIAA0119; PGFS; prostaglandin F synthase; indanol dehydrogenase; 3-alpha-HSD type II, brain; dihydrodiol dehydrogenase 3; chlordecone reductase homolog HAKRb; testosterone 17-beta-dehydrogenase 5; type IIb 3-alpha hydroxysteroid dehydrogenase; trans-1, 2-dihydrobenzene-1, 2-diol dehydrogenase; DD3; HAKRe; HA1753; HSD17B5; hluPGFS;
<b>Gene ID</b>	8644
<b>mRNA Refseq</b>	NM_001253909
<b>Protein Refseq</b>	NP_001240838
<b>MIM</b>	603966
<b>UniProt ID</b>	P42330

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**SDS-PAGE**



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