

Recombinant Human AKR1C3 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human AKR1C3 protein(P42330)(Met1-Tyr323), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Tyr323
Tag	C-His
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 6% Sucrose, 2% Glycine, 100mM NaCl, 0.05% Tween 80, pH 6.0.
Molecular Mass	37.9 kDa
Endotoxin	< 1 EU/µg as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	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.
Reconstitution	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

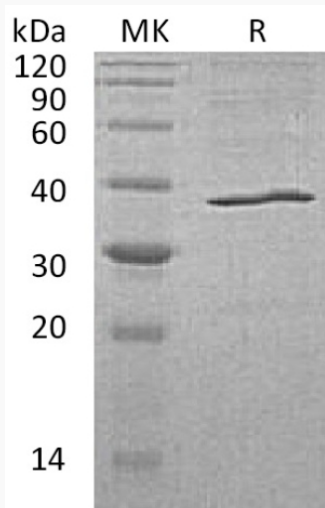
Gene Name	AKR1C3 aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II) [Homo sapiens]
Official Symbol	AKR1C3
Synonyms	AKR1C3; aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II); HSD17B5, hydroxysteroid (17 beta) dehydrogenase 5; aldo-keto 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;
Gene ID	8644
mRNA Refseq	NM_001253909
Protein Refseq	NP_001240838
MIM	603966
UniProt ID	P42330

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SDS-PAGE



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