

产品名称: Recombinant Human AKR1C3 (C-6His)
产品货号: PHH0099

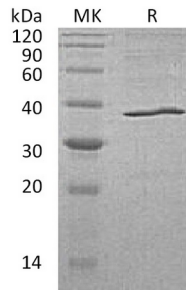


概述 (Summary)

英文全称	ARK1C3/Aldo-keto reductase family 1 member C3
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Aldo-Keto Reductase Family 1 Member C3 is produced by our Mammalian expression system and the target gene encoding Met1-Tyr323 is expressed with a 6His tag at the C-terminus.
Accession #	P42330
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	37.9 KDa
制剂 (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.
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &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.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. 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. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. 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.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

Aldo-Keto Reductase Family 1 Member C3; 17-Beta-Hydroxysteroid Dehydrogenase Type 5; 17-Beta-HSD 5; 3-Alpha-HSD Type II Brain; 3-Alpha-Hydroxysteroid Dehydrogenase Type 2; 3-Alpha-HSD Type 2; Chlordecone Reductase Homolog HAKRb; Dihydrodiol Dehydrogenase 3; DD-3; DD3; Dihydrodiol Dehydrogenase Type I; HA1753; Indanol Dehydrogenase; Prostaglandin F Synthase; Testosterone 17-Beta-Dehydrogenase 5; Trans-1; 2-Dihydrobenzene-1; 2-Diol Dehydrogenase; AKR1C3; DDH1; HSD17B5; KIAA0119; PGFS

背景介绍 (References)

AKR1C3, is an enzyme which belongs to the aldo/keto reductase family. It is expressed in many tissues including adrenal gland, brain, kidney, liver, lung, mammary gland, placenta, small intestine, colon, spleen, prostate and testis. AKR1C3 catalyzes the conversion of aldehydes and ketones to alcohols. It catalyzes the reduction of prostaglandin (PG) D₂, PGH₂ and phenanthrenequinone (PQ) and the oxidation of 9-alpha,11-beta-PGF₂ to PGD₂, which functions as a bi-directional 3-alpha-, 17-beta- and 20-alpha HSD. It can interconvert active androgens, estrogens and progestins with their cognate inactive metabolites.

注意事项 (Note)

For research use only .