Product Name: Recombinant Human AKR1C3 (C-6His)

Catalog #: 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

蛋白标签 (Tag)

表达宿主 (Host) Human Cells

种属 (Species) Human 预测分子量 (Predicted MW) 37.9 KDa

蛋白形态 (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.

储存缓冲液 (Buffer)

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 \leq -20°C for 3 months.

复溶 (Reconstitution) Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It

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

is not recommended to reconstitute to a concentration less than 100µg/ml.

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.

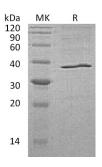
电泳图 (SDS-PAGE image)

Web: https://www.enkilife.com E-mail: order@enkilife.com techsupport@enkilife.com Tel: 0086-27-87002838

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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, Not for Diagnostic Use.