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Recombinant Human Aldo-Keto Reductase 1C3/AKR1C3 Protein(C-6His)

产品货号: TP05379

第三版

别名: 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

描述: 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.

配方: PBS

分子量: 37.8 kDa

序列: Met 1-Tyr323

纯度: > 95% by HPLC

浓度:

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.