

Human AKR1C3/DDH1/HSD17B5/KIAA0119/PGFS (His tag) recombinant protein



Catalog Number: 518191

General Information

Gene Name Synonym

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

Protein Construction

A DNA sequence encoding the Human AKR1C3/DDH1/HSD17B5/KIAA0119/PGFS Met1-Tyr323 is expressed with a 6His tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

<1.0 EU per μg protein as determined by the LAL method.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

Formulation

Lyophilized from a $0.2\ \mu\text{m}$ filtered solution of 20mM PB, 150mM NaCl, pH7.4.

Usage Guide

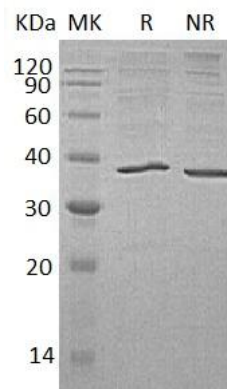
Storage

Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than $100\ \mu\text{g}/\text{ml}$. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE



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