

# 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  $\mu\text{g}$  protein as determined by the LAL method.

## Stability

Store for up to 12 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  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

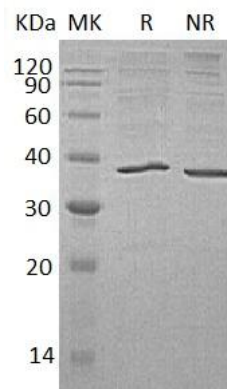
### Storage

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 ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



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