

## Product Information

### **MemDX™ Membrane Protein Human DHRS3 (Dehydrogenase/reductase 3) Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX2406K**

This product is for research use only and is not intended for diagnostic use.

This product is a Human DHRS3 membrane protein expressed *in vitro* *E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### **Host Species**

Human

##### **Target Protein**

DHRS3

##### **Protein Length**

Full Length

##### **Protein Class**

Oxidoreductase

##### **TMD**

4

##### **Sequence**

MVWKRLGALVMFPLQMIYLVVKAAGVGLVLPKLRDLSRENVLITGGGRGIGRQLAREFAERGARKIVLWGRTEKCLKETTEEIRQMO

#### Product Description

##### **Expression Systems**

*in vitro* *E.coli* expression system

##### **Tag**

10xHis tag at the N-terminus

##### **Protein Format**

Soluble

##### **Form**

Liquid or Lyophilized powder

##### **Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

### **Target**

#### **Target Protein**

DHRS3

#### **Full Name**

Dehydrogenase/reductase 3

#### **Introduction**

Short-chain dehydrogenases/reductases (SDRs), such as DHRS3, catalyze the oxidation/reduction of a wide range of substrates, including retinoids and steroids.

#### **Alternative Names**

DHRS3; SDR1; RDH17; Rsdr1; DD83.1; SDR16C1; retSDR1; short-chain dehydrogenase/reductase 3; dehydrogenase/reductase (SDR family) member 3; dehydrogenase/reductase member 3; retinal short-chain dehydrogenase/reductase 1; retinol dehydrogenase 17; short chain dehydrogenase/reductase family 16C member 1; short-chain dehydrogenase/reductase 1; Dehydrogenase/reductase 3

#### **Gene ID**

[9249](#)

#### **UniProt ID**

[O75911](#)