

Recombinant Human DHRS3 Protein, GST-tagged

Cat. No. DHRS3-2598H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHRS3 full-length ORF (NP_004744.2, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Short-chain dehydrogenases/reductases (SDRs), such as DHRS3, catalyze the oxidation/reduction of a wide range of substrates, including retinoids and steroids (Haeseleer and Palczewski, 2000 [PubMed 10800688]).[supplied by OMIM, Jun 2009]
Molecular Mass	59.9 kDa
AA Sequence	MVWKRLGALVMFPLQMIYLVVKAAGVGLVLPALRLDLSRENVLITGGGRGIGRQLARE FAERGARKIVLWGRTEKCLKETTEEIRQMGTECHYFICDVGNREEVYQTAKAVREKV GDITILVNNAAVVHGKSLMDSDDALLKSQHINTLGQFWTTKAFLPRMLELQNGHIV CLNSVLALSAIPGAIDYCTSKASAFAMESLTGLLDPCGVSAATTVLPFHTSTEMFQG MRVRFPNLPPLKPETVARRTVEAVQLNQALLLPWTMHALVILKSILPQAAL E E I H K F SGTYTCMNTFKGRT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	DHRS3 dehydrogenase/reductase (SDR family) member 3 [Homo sapiens]
Official Symbol	DHRS3
Synonyms	DHRS3; dehydrogenase/reductase (SDR family) member 3; short-chain dehydrogenase/reductase 3; RDH17; retSDR1; Rsdr1; SDR1; SDR16C1; short chain dehydrogenase/reductase family 16C; member 1; short-chain dehydrogenase/reductase 1; retinal short-chain dehydrogenase/reductase 1; short chain dehydrogenase/reductase family 16C, member 1; DD83.1;
Gene ID	9249
mRNA Refseq	NM_004753
Protein Refseq	NP_004744
MIM	612830
UniProt ID	O75911

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