

Recombinant Full Length Human DHRS4 Protein, GST-tagged

Cat. No. DHRS4-2539HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHRS4 full-length ORF (NP_066284.2, 1 a.a. - 278 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	278 amino acids
Description	DHRS4 (Dehydrogenase/Reductase 4) is a Protein Coding gene. Among its related pathways are Signaling by Retinoic Acid and the visual cycle I (vertebrates). GO annotations related to this gene include receptor binding and oxidoreductase activity, acting on NAD(P)H, quinone or similar compound as acceptor. An important paralog of this gene is DHRS4L2.
Molecular Mass	55.9 kDa
AA Sequence	MHKAGLLGLCARAWNSVRMASSGMTRRDPLANKVALVTASTDGIGFAIARRLAQDG AHVVVSSRKQQNVDAQAVATLQGEGLSVTGTVCHVGKAEDRERLVATAVKLHGGIDI LVSNAAVNPFFGSIMDVTEEVWDKTL DINVKAPALMTKAVVPEMEKRGGGSVVIVSS IAAFSPSPGFSPYINVSKTALLGLTKTLAIELAPRNIRVNCLAPGLIKTSFSRMLWMDKE KEESMKETLRIRRLGEPEDCAGIVSFLCSEDASYITGETVVVGGGTPSRL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
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	DHRS4 dehydrogenase/reductase (SDR family) member 4 [Homo sapiens]
Official Symbol	DHRS4
Synonyms	DHRS4; dehydrogenase/reductase (SDR family) member 4; dehydrogenase/reductase SDR family member 4; FLJ11008; humNRDR; SCAD SRL; SDR SRL; SDR25C2; short chain dehydrogenase/reductase family 25C; member 2; NADP-dependent retinol dehydrogenase; peroxisomal short-chain alcohol dehydrogenase; NADPH-dependent retinol dehydrogenase/reductase; short-chain dehydrogenase/reductase family member 4; dehydrogenase/reductase (SDR family) member 4 like 2A; short chain dehydrogenase/reductase family 25C, member 1; short chain dehydrogenase/reductase family 25C, member 2; NADPH-dependent carbonyl reductase/NADP-retinol dehydrogenase; CR; NRDR; PHCR; PSCD; SDR-SRL; SDR25C1; SCAD-SRL;
Gene ID	10901
mRNA Refseq	NM_021004
Protein Refseq	NP_066284

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MIM	611596
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UniProt ID	Q9BTZ2
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