

Recombinant Human DHRS4 protein, GST-tagged

Cat. No. DHRS4-11976H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHRS4 protein(1-278 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-278 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MHKAGLLGLCARAWNSVRMASSGMTRRDPLANKVALVTASTDGIGFAIARRLAQDG AHVVVSSRKQQNVDQAVATLQGEGLSVTGTVCHVGKAEDRERLVATAVKLHGGIDI LVSNAAVNPFFGSIMDVTEEVWDKTLINVKAPALMTKAVVPEMEKRGGGSVVIVSS IAAFSPSPGFSPYNVSKTALLGLTKTLAIELAPRNIRVNCLAPGLIKTSFSRMLWMDKE KEESMKETLRIRRLGEPEDCAGIVSFLCSEDASYITGETVVVGGGTPSRL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

MIM

611596

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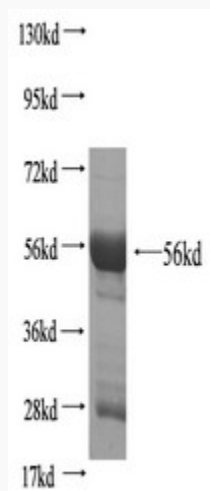
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UniProt ID

Q9BTZ2

SDS-PAGE

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