

Recombinant Full Length Human Epidermal Retinol Dehydrogenase 2(Sdr16C5) Protein, His-Tagged

Cat. No. RFL31748HF Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Full Length Human Epidermal retinol dehydrogenase 2(SDR16C5) Protein (Q8N3Y7) (1-309aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Full Length (1-309) |
| Form | Lyophilized powder |
| AA Sequence | MSFNLQSSKCLFIFLGGKSLFSLLEAMIFALLPKPRKNVAGEIVLITGAGSGLGRLALQ F ARLGSVLVLWDINKEGNEETCKMAREAGATRVHAYTCDSCQKEGVYRVADQVKK EVGDVS ILINNAGIVTGKKFLDCPDELMEKSFDVNFKAHLWTYKAFLPAMIANDHGH LVCISSSAG LSGVNLADYCAKFAAFGFAESVFVETVQKQKGIKTTIVCPFFIKTG MFEGCTTGCPSSLPILEPKYAVEKIVEAILQEKMVLYMPKLLYFMMFLKSFLPLKTL LIADYLGILHAMD GFVDQKKKL |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid |

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repeated freeze-thaw cycles.

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

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name SDR16C5

Synonyms SDR16C5; RDHE2; Epidermal retinol dehydrogenase 2; EPHD-2; RDH-E2; Retinal short-chain dehydrogenase reductase 2; retSDR2; Short-chain dehydrogenase/reductase family 16C member 5

UniProt ID [Q8N3Y7](#)

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