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

Cat. No. RFL6103MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Epidermal retinol dehydrogenase 2(Sdr16c5) Protein (Q7TQA3) (1-309aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-309)
Form	Lyophilized powder
AA Sequence	MSQNLESVKNLLVFLGKSLLSVLEALLFHVISKPRKNVAGEIVLITGAGSGLGRLLALQ F ARLGAVLVLWDVNKEANDETHQLAREAGAARVHAYTCDCSRREEVYRVADQVKK EVGDVS ILINNAGIVTGRNFLDCPDDLMEKSFDVNFKAHLWMYKAFLPAMIANNHGH LVCISSSAG LIGVNGLSDYCASKFAALGFAESMFIETLAKKQWGIKTTIVCPFFIKTGM FEGCTTKCPT LLPILDPEYAVRKIIDAILQEQLYLYMPKFLYFIVFLKSILPIKTGILIADY LGVFHMTE GFTGQKKKT
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Sdr16c5
Synonyms	Sdr16c5; Rdhe2; Scdr9; Epidermal retinol dehydrogenase 2; EPHD-2; RDH-E2; Retinal short-chain dehydrogenase reductase 2; retSDR2; Short-chain dehydrogenase reductase 9; Short-chain dehydrogenase/reductase family 16C member 5
UniProt ID	Q7TQA3

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