

Recombinant Full Length Mouse Delta(14)-Sterol Reductase(Tm7Sf2) Protein, His-Tagged

Cat. No. RFL33324MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Delta(14)-sterol reductase(Tm7sf2) Protein (Q71KT5) (1-418aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-418)
Form	Lyophilized powder
AA Sequence	MTSREASQAPLEFGGPLGVAALLILLPATMFHLLLAARSGPARLLALPAYLPGLEELW SP WALLLLFIWLGLQVALYLLPARKVAEGLELKDKSRLRYPINGFQALVLTALLMGLG VSVG LPLGALPGMLLPLAFATTLTSFIFSLLLYAKALVAPASALAPGGNSGNSMYDFF LGRELN PRLGSFDFKYFCELRPGLIGWVFINLALLMQEALRGSPSLAMWLVNGFQ LLYVGDALWY EESVLTTMDIIHDGFGFMLVFGDLAWVPFTYSLQAQFLLYHPQPLGL PMALLICLLKVIG YYIFRGANSQKNTFRKNPSDPSVAGLETIPTATGRQLLVSGWWG MVRHPNYLGDLMALA WSLPCGLSHLLPYFYVLYFTALLVHREARDEQQCLQKYGR AWQEYCKRVPYRIIPYVY
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.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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	Tm7sf2
Synonyms	Tm7sf2; Delta(14-sterol reductase TM7SF2; Delta-14-SR; 3-beta-hydroxysterol Delta; 14-reductase; C-14 sterol reductase; C14SR; Sterol C14-reductase; Transmembrane 7 superfamily member 2
UniProt ID	Q71KT5