

Recombinant Full Length Delta(12) Fatty Acid Dehydrogenase Protein, His-Tagged

Cat. No. RFL5341CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Delta(12) fatty acid dehydrogenase Protein (O81931) (1-375aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Crepis alpina (Hawksbeard)
Source	E.coli
ProteinLength	Full Length (1-375)
Form	Lyophilized powder
AA Sequence	MGGGGRGRTSQKPLMERVSVDPPFTVSDLKQAIPPHCFKRSVIRSSYYIVHDAIIAYI FY FLADKYIPILPAPLAYLAWPLYWFCQASILTGLWVIGHECGHHAFFSDYQWVDDTV GFILH SFLMTPYFSWKYSHRNHHANTNSLDNDEVYIPKSKAKVALYYKVLNHPGRL LIMFITFT LGFPLYLFTNISGKKYERFANHFDPMSPIFKERERFQVLLSDLGLLAVLYG VKLAVAAKG AAWVTCTIYGIPVLGVFIFFDIITYLHHTHLSLPHYDSSEWNWLRGALSTI DRDFGFLNSV LHDVTHTHVMHHLFSYIPHYHAKEARDAINTVLGDFYKIDRTPILKAM WREAKECIFIEP EKGRGSKGVYWYNKF
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	Delta(12) fatty acid dehydrogenase
Synonyms	Delta(12 fatty acid dehydrogenase; Crepenynase synthase; Delta-12 fatty acid acetylenase
UniProt ID	O81931

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