

Recombinant Full Length *Xenopus Tropicalis* 7-Dehydrocholesterol Reductase(Dhcr7) Protein, His-Tagged

Cat. No. RFL3431XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> 7-dehydrocholesterol reductase(dhcr7) Protein (Q6P4M0) (1-473aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	<i>E.coli</i>
ProteinLength	Full Length (1-473)
Form	Lyophilized powder
AA Sequence	MGERRRANASRGDKKVANGEKPHVGQWGRAWEVDYFSLAAVLFLAFAPLIVYYF VMSCD QYQCALTAPVLDLYWGKAQLSDIWDKTPALTWGAAKIYIVWVSFQVFLYML VPDILHKFV PGYEGGVQEGARTPAGLINKYQVNGLQAWTITHLLWFANAYHFWFS PTIIIDNWWPLLW CANLLGYSVATFALLKAYFFPTNAHDCKFTGNFFYDYMMGIEFNP RIGKWFDFKLFFNGR PGIVAWTLINLSYAAKQQELYGQVTNSMILVNVLQAIYVVDFF WNESWYLKTIDICHDF GWYLGWGDCVWLPYLYTLQGLYLVYNPVELSTATAVGV LLLGLIGYYIFRMTNHQKDLFR RTNGNCKIWGKKPKSIECSYTSADGKRHYSKLMIS GFWGVARHLNYTGDLMGSLAYCLAC GFDHLLPYFYFTYMTILLVHRCIRDEHRCSS KYGKDWKLYTDAVPYRLLPGLF
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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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 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	dhcr7
Synonyms	dhcr7; 7-dehydrocholesterol reductase; 7-DHC reductase; Sterol Delta(7)-reductase
UniProt ID	Q6P4M0

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