

Recombinant Full Length Chicken L-Dopachrome Tautomerase(Dct) Protein, His-Tagged

Cat. No. RFL18547GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Chicken L-dopachrome tautomerase(DCT) Protein (O93505) (26-521aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Full Length of Mature Protein (26-521)
Form	Lyophilized powder
AA Sequence	QFPRVCMTVEAIRSKRCCPALGPDGPNVCGVLQGRGWCQGVQVDTQPWSGPYTL RNVD DRERWPLKFFNQSCWCTGNFAGYNCGDCKFGWTGPDCSVRKPPVVRKNIH SLTVEEREQFLDVLDRAKTTIHPDYVIATQHWMSLLGPSGEEPQIANCSIYNYFVWLH YYSVRDTLLGPGRPFTAIDFSHQGPAFVTWHRYHLLLLERDLQRLMGNESFALPYW DFATGRNTCDVCTDQLFGAPRPDDPGLISLNSRFSRWQIVCNSLDDYNRLVTL CNG SDEGLLQRRPRDSGEQLPTAEDVRRCLSRHEFDSPPFFRNSSFSFRNALEGFNKPE GALNSPMLNLHNLHAHSFLNGTRVLPHAAANDPIFVVLHSFTDAIFDEWMKRFHPPDN AWPEELAPIGHNRLYNMVPFFPPVTNDQLFQTAEQLGYTYAIDLPGSLEESQAWAA MVGSTIGGALIALAVLVLLLVL FQHRKQRKGFEPLMNVRFSSKKYMEEA
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	DCT
Synonyms	DCT; TYRP2; L-dopachrome tautomerase; DCT; DT; L-dopachrome Delta-isomerase; Tyrosinase-related protein 2; TRP-2; TRP2
UniProt ID	O93505

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