

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

Cat. No. RFL16078MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse L-dopachrome tautomerase(Dct) Protein (P29812) (24-517aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length of Mature Protein (24-517)
Form	Lyophilized powder
AA Sequence	QFPRVCMTLDGVLNKECCPPLGPEATNICGFLEGRGQCAEVQTDTRPWSGPYILRN QDDREQWPRKFFNRTCKCTGNFAGYNCGGCKFGWTGPDCNRKKPAILRRNIHSLT AQEREQFLGALDLAKKSIHPDYVITTQHWLGLLGPNGTQPQIANCSVYDFFVWLHYY SVRDTLLGPGRPYKAIDFSHQGPAFVTWHRYHLLWLERELQRLTGNESFALPYWNF ATGKNECDVCTDELLGAARQDDPTLISRNSRFSTWEIVCDSLDDYNRRVTLNCTY EGLLRNKNVGRNNEKLPTLKNVQDCLSLQKFDSPFFQNSTFSFRNALEGFDKADG TLDSQVMNLHNLHAHSFLNGTNALPHSAANDPVFVVLHSFTDAIFDEWLKRNNPSTDA WPQELAPIGHNRMYNMVPPFPVTNEELFLTAEQLGYNYAVDLSEEEAPVWSTTLS VVIGILGAFVLLGLLAFLQYRRLRKGYAPLMETGLSSKRYTEEA
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; Tyrp-2; Tyrp2; L-dopachrome tautomerase; DCT; DT; EC 5.3.3.12; DOPAchrome conversion factor; DOPAchrome isomerase; DOPAchrome oxidoreductase; L-dopachrome Delta-isomerase; SLATY locus protein; Tyrosinase-related protein 2; TRP-2; TRP2
UniProt ID	P29812