

Recombinant Mouse Dct protein, His-SUMO & Myc-tagged

Cat. No. Dct-2806M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dct protein(P29812)(24-472aa), fused to N-terminal His tag and SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	24-472aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	71.2 kDa
AA Sequence	QFPRVCMTLDGVLNKECCPPLGPEATNICGFLEGRGQCAEVQTDTRPWSGPYILRN QDDREQWPRKFFNRTCKCTGNFAGYNCGGCKFGWTGPDCNRKKPAILRRNIHSLT AQEREQFLGALDLAKKSIHPDYVITTQHWLGLLGPNGTQPQIANCSVYDFFVWLHYY SVRDTLLGPRPYKAIDFSHQGPAFVTWHRYHLLWLERELQRLTGNESFALPYWNF ATGKNECDVCTDELLGAARQDDPTLISRNSRFSTWEIVCDSLDDYNRRVTLNNGTY EGLLRNKNVGRNNEKLPTLKNVQDCLSLQKFDSPFFQNSTFSFRNALEGFDKADG TLDSQVMNLHNLHAHSFLNGTNALPHSAANDPVFVVLHSFTDAIFDEWLKRNNPSTDA WPQELAPIGHNRMYNMVPPFPVTNEELFLTAEQLGYNYAVDLSEEEAPVWSTTLS

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	Dct dopachrome tautomerase [Mus musculus]
Official Symbol	Dct
Synonyms	DCT; dopachrome tautomerase; L-dopachrome tautomerase; SLATY locus protein; L-dopachrome Delta-isomerase; tyrosinase-related protein 2; tyrosinase-related protein-2; DT; slt; TRP2; TRP-2; Tyrp2; slaty; Tyrp-2;
Gene ID	13190
mRNA Refseq	NM_010024
Protein Refseq	NP_034154

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