

Recombinant Mouse DCT Protein, His-SUMO-tagged

Cat. No. DCT-1183M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse DCT Protein (24-472aa) was expressed in E. coli with N-terminal 10xHis-SUMO-tag.
Species	Mouse
Source	E.coli
ProteinLength	24-472 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	69.7 kDa
AA Sequence	QFPRVCMTLDGVLNKECCPPLGPEATNICGFLEGRGQCAEVQTDTRPWSGPYILRN QDDREQWPRKFFNRTCKCTGNFAGYNCGGCKFGWTGPDCNRKKPAILRRNIHSLT AQEREQFLGALDLAKKSIHPDYVITTQHWLGLLGPNGTQPQIANCSVYDFFVWLHYY SVRDTLLGPRPYKAIDFSHQGPAFVTWHRYHLLWLERELQRLTGNESFALPYWNF ATGKNECDVCTDELLGAARQDDPTLISRNSRFSTWEIVCDSLDDYNRRVTLCNGTY EGLLRNKNVGRNNEKLPTLKNVQDCLSLQKFDSPFFQNSTFSFRNALEGFDKADG TLDSQVMNLHNLHLSFLNGTNALPHSAANDPVFVVLHSFTDAIFDEWLKRNNPSTDA WPQELAPIGHNRMYNMVPFFPPVTNEELFLTAEQLGYNYAVDLSEEEAPVWSTTLS
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life

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of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name	Dct dopachrome tautomerase [Mus musculus]
Official Symbol	DCT
Synonyms	TRP-2; TYRP2; DT; L-dopachrome Delta-isomerase; L-dopachrome isomerase; TRP2; dopachrome delta-isomerase; dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2); tyrosinase related protein-2; tyrosine-related protein 2; L-dopachrome tautomerase
Gene ID	13190
mRNA Refseq	NM_010024.3
Protein Refseq	NP_034154.2
UniProt ID	P29812

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