

Recombinant Human DCT Protein, His-SUMO/MYC-tagged

Cat. No. DCT-1182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCT Protein (24-472a) was expressed in E. coli with N-terminal 10xHis-SUMO-tag and C-terminal Myc-tag.
Species	Human
Source	E.coli
ProteinLength	24-472 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	71.3 kDa
AA Sequence	QFPRVCMTVDSL VNKECCPRLGAESANVCGSQQGRGQCTEVRADTRPWSGPYILR NQDDRELWPRKFFHRTCKCTGNFAGYNCGDCKFGWTGPNCERKKPPVIRQNIHSL SPQEREQFLGALDLAKKRVHPDYVITTQHWLGLLGPNGTQPQFANCSVYDFFVWLH YYSVRDTLLGPRPYRAIDFSHQGPFAVTVWHRYHLLCLERDLQRLIGNESFALPYW NFATGRNECDVCTDQLFGAARPDDPTLISRNSRFSSWETVCDSLDDYNHLVTLNCG TYEGLLRRNQMGRRNSMKLPTLKDIRDCLSLQKFDNPPFFQNSTFSFRNALEGFDKA DGTLD SQVMSLHNLVHSFLNGTNALPHSAANDPIFVVLHSFTDAIFDEWMKRFPNPPA DAWPQELAPIGHNRMYNMVPPFPVTNEELFLTSDQLGYSAIDL PVSVEETPGWP TT
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage

The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name [DCT dopachrome tautomerase \[Homo sapiens \(human\) \]](#)

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 [1638](#)

mRNA Refseq [NM_001129889.2](#)

Protein Refseq [NP_001123361.1](#)

MIM [191275](#)

UniProt ID [P40126](#)

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