

# Human DCT Recombinant Protein



RPPB1557

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## Product Information    Protein Information

**Product SKU:**

RPPB1557

**Accession:**

P40126

**Host:**

Sf9 Insect cells.

**Protein description:**

DCT Human Recombinant produced in Sf9 Insect cell is a single, non-glycosylated polypeptide chain containing 455 amino acids (24-472aa.a) and having a molecular mass of 52.1kDa (Migrates at 50-70kDa on SDS-PAGE under reducing conditions). DCT is fused to a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

L-dopachrome tautomerase (EC:5.3.3.12), DCT, DT, L-dopachrome Delta-isomerase Tyrosinase-related protein 2, TRP-2, TRP2, TYRP2.

**Formulation:**

STK3 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

QFPRVCMTVD SLVNKECCPR LGAESANVCG SQQGRGQCTE VRADTRPWSG PYILRNQDDR ELWPRKFFHR  
TCKCTGNFAG YNCGDCKFGW TGPNCERKKP PVIRQNIHSL SPQEREQFLG ALDLAKKRVH PDYVITTQHW  
LGLLGPNGTQ PQFANCSVYD FFVWLHYYSV RDLLGPGRP YRAIDFSHQG PAFVTWHRYH LLCLERDLQR  
LIGNESFALP YWNFATGRNE CDVCTDQLFG AARPDDPTLI SRNSRFSSWE TVCDSLDDYN HLVTLCNGTY  
EGLLRNQMGM RNSMKLPTLK DIRDCLSLQK FDNPPFFQNS TFSFRNALEG FDKADGTLDS QVMSLHNLVH  
SFLNGTNALP HSAANDPIFV VLHSFTDAIF DEWMKRFNPP ADAWPQELAP IGHNRMYNMV PFFPPVTNEE  
LFLTSDQLGY SYAIDLPSV EETPGWPTTH HHHHH.