

Dopachrome Tautomerase Human Recombinant

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| Item Number | rAP-1228 |
| Synonyms | L-dopachrome tautomerase (EC:5.3.3.12), DCT, DT, L-dopachrome Delta-isomerase Tyrosinase-related protein 2, TRP-2, TRP2, TYRP2. |
| 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 |
| Uniprot Accession Number | P40126 |
| 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 YWNFAT- GRNE CDVCTDQLFG AARPDDPTLI SRNSRFSSWE TVCDLDDYN HLVTLNCGTY EGLLRNQM RNSMKLPTLK DIRDCLSLQK FDNPPFFQNS TFSFRNALEG FDKADGTLDS QVMSLHNLVH SFLNGTN- |
| Source | Sf9 Insect cells. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. 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. |
| Formulation and Purity | STK3 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**