

D-Dopachrome Tautomerase Human Recombinant

Item Number	rAP-1397
Synonyms	EC 4.1.1.84, DDC, D-dopachrome decarboxylase, D-Dopachrome Tautomerase.
Description	DDT Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 138 amino acids (1-118 a.a.) and having a molecular mass of 14.8 kDa. The DDT is fused to a 20 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P30046
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MPFLELDTNL PANRVPAGLE KRLCAAASI LGKPADRVNV TVRPGLAMAL SGSTPECAQL SSSIGVVG T AEDNRSHSAH FFEFLTKELA LGQDRILIRF FPLESWQIGK IGTVMTFL.
Source	Escherichia Coli.
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	DDT Human solution containing 20mM Tris-HCl pH-8, & 10% glycerol. Greater than 95.0% 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**