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## 32-6729: DDT Mouse

**Alternative Name :** D-dopachrome decarboxylase (EC:4.1.1.84), D-dopachrome tautomerase, Ddt.

## Description

Source: Escherichia Coli.
Sterile Filtered clear solution.
DDT is an enzyme that catayzes the tautomerization of D-dopachrome to give 5,6-dihydroxyindole (DHI). DDT is part of the family of lyases, specifically the carboxy-lyases, which cleave carbon-carbon bonds. DDT shares a homologous amino acid sequence (33% identical) with MIF and has similar tautomerase activity. DDT functions a proinflammatory cytokine.
DDT Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 141 amino acids (1-118 a.a) and having a molecular mass of 15.5kDa. DDT is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

## Product Info

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|---|---|
| **Amount :** | 5 µg / 20 µg |
| **Purification :** | Greater than 95.0% as determined by SDS-PAGE. |
| **Content :** | DDT protein solution (1mg/ml) contains 20mM Tris-Hcl buffer (pH8.0) & 10% glycerol. |
| **Storage condition :** | 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 :** | MGSSHHHHHH SSGLVPRGSH MGSMPFVELE TNLPASRIPA GLENRLCAAT ATILDKPEDR VSVTIRPGMT LLMNKSTEPC AHLLVSSIGV VGTAEQNRTH SASFFKFLTE ELSLDQDRIV IRFFPLEAWQ IGKKGTVMTF L |