

Recombinant Human DDT, GST-tagged

Cat. No. DDT-11887H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDT protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-118a.a.
Description	D-dopachrome tautomerase converts D-dopachrome into 5,6-dihydroxyindole. The DDT gene is related to the migration inhibitory factor (MIF) in terms of sequence, enzyme activity, and gene structure. DDT and MIF are closely linked on chromosome 22.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	DDT D-dopachrome tautomerase [Homo sapiens]
Official Symbol	DDT

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Synonyms	DDT; D-dopachrome tautomerase; D-dopachrome decarboxylase; D dopachrome decarboxylase; DDCT; phenylpyruvate tautomerase II; FLJ78842;
Gene ID	1652
mRNA Refseq	NM_001084392
Protein Refseq	NP_001077861
MIM	602750
UniProt ID	P30046
Chromosome Location	22q11.23
Function	D-dopachrome decarboxylase activity; dopachrome isomerase activity; lyase activity;

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