

## Recombinant Full Length Human DDT Protein, GST-tagged

Cat. No. DDT-2505HF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human DDT full-length ORF ( AAH05971, 1 a.a. - 118 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	118 amino acids
<b>Description</b>	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. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	38.72 kDa
<b>AA Sequence</b>	MPFLELDTNLPANRVPAAGLEKRLCAAAAASILGKPADRVNVTVRPGLAMALSGSTEPCAQLSISSIGVVGTAEDNRSHSAHFFFLTKELALGQDRILIRFFPLESWQIGKIGTVMTFL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	DDT D-dopachrome tautomerase [ Homo sapiens ]
<b>Official Symbol</b>	DDT
<b>Synonyms</b>	DDT; D-dopachrome tautomerase; D-dopachrome decarboxylase; D dopachrome decarboxylase; DDCT; phenylpyruvate tautomerase II; FLJ78842;
<b>Gene ID</b>	1652
<b>mRNA Refseq</b>	NM_001084392
<b>Protein Refseq</b>	NP_001077861
<b>MIM</b>	602750
<b>UniProt ID</b>	P30046

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