

## Product datasheet for **AR09530PU-L**

### D-dopachrome decarboxylase (1-118, His-tag) Human Protein

#### Product data:

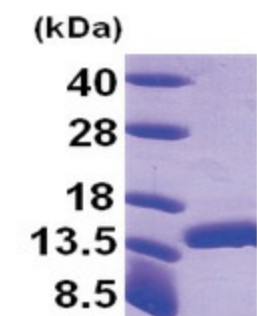
Product Type:	Recombinant Proteins
Description:	D-dopachrome decarboxylase (1-118, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSH HHHHHH S SGLVPRGSH</u> MPFLELDTNL PANRVPAGLE KRLCAAAASI LGKPADRVNV TVRPGLAMAL SGSTEPCAQL SISSIGVVGT AEDNRSHSAH FFEFLTKELA LGQDRILIRF FPLESWQIGK IGTVMTFL
Tag:	His-tag
Predicted MW:	14.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DDT, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001077861</u>
Locus ID:	1652
UniProt ID:	<u>P30046, Q53Y51</u>
Cytogenetics:	22q11.23
Synonyms:	D-DT; DDCT; MIF-2; MIF2



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**Summary:**

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]

**Product images:**

15% SDS-PAGE (3ug)