

Product datasheet for **TP302047M**

DDT (NM_001355) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human D-dopachrome tautomerase (DDT), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202047 protein sequence Red =Cloning site Green =Tags(s)
	MPFLELDTNLPANRVPAGLEKRLCAAASILGKPADRVNVTVRPGLAMALSGSTEPCAQLSISSIGVWGT AEDNRSHSAHFFFLTKELALGQDRILIRFFPLESWQIGKIGTVMTFL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001346
Locus ID:	1652
UniProt ID:	P30046 , Q53Y51
RefSeq Size:	688



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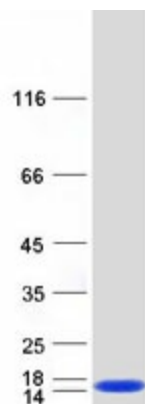
Cytogenetics: 22q11.23

RefSeq ORF: 354

Synonyms: D-DT; DDCT; MIF-2; MIF2

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:



Coomassie blue staining of purified DDT protein (Cat# [TP302047]). The protein was produced from HEK293T cells transfected with DDT cDNA clone (Cat# [RC202047]) using MegaTran 2.0 (Cat# [TT210002]).