

Product datasheet for PH302047

DDT (NM_001355) Human Mass Spec Standard

Product data:

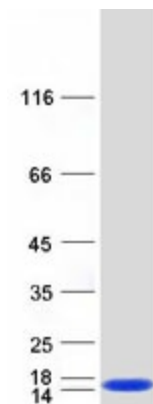
Product Type:	Mass Spec Standards
Description:	DDT MS Standard C13 and N15-labeled recombinant protein (NP_001346)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202047
Predicted MW:	12.7 kDa
Protein Sequence:	>RC202047 protein sequence Red =Cloning site Green =Tags(s) MPFLELDTNLPANRVPAGLEKRLCAAAASILGKPADRVNVTVRPGLAMALSGSTEPCAQLSISSIGVVGT AEDNRSHSAHF FEFLTKELALGQDRILIRFFPLESWQIGKIGTVMFTL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001346
RefSeq Size:	688
RefSeq ORF:	354
Synonyms:	D-DT; DDCT; MIF-2; MIF2
Locus ID:	1652
UniProt ID:	P30046 , Q53Y51
Cytogenetics:	22q11.23



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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:

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]).