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## Datasheet for ABIN7318414 DTD1 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	DTD1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DTD1 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human DTD1 Protein (His Tag)
Sequence:	Met 1-Pro209
Characteristics:	Recombinant Human D-tyrosyl-tRNA(Tyr) deacylase 1 is produced by our Mammalian expression system and the target gene encoding Met1-Pro209 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	DTD1
Alternative Name:	DTD1 ( <a href="#">DTD1 Products</a> )
Background:	Background: D-tyrosyl-tRNA(Tyr) deacylase 1(DTD1) belongs to the DTD family, and expressed in many adult and fetal tissues such as testis, ovary, spleen in adult and fetal brain. It is a

## Target Details

nucleus and cytoplasm located protein, and is preferentially phosphorylated in cells arrested early in S phase. DTD1 is an ATPase involved in DNA replication, it may facilitate loading of CDC45 onto pre-replication complexes. The protein may hydrolyze D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr), a possible defense mechanism against a harmful effect of D-tyrosine.

Synonym: D-tyrosyl-tRNA(Tyr) deacylase 1,DNA-unwinding element-binding protein B,DUE-B,Histidyl-tRNA synthase-related,DTD1,C20orf88, DUEB, HARS2

Molecular Weight:	24.5 kDa
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UniProt:	<a href="#">Q8TEA8</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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