

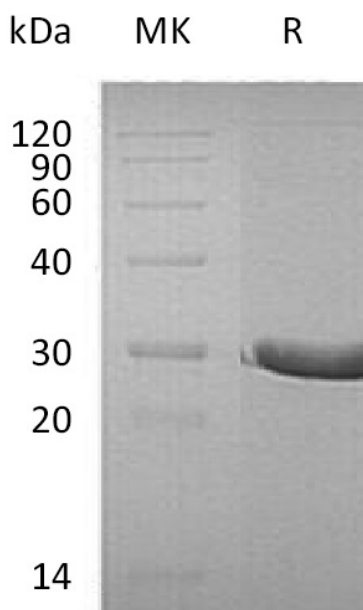
Product Name: Recombinant Human DTD1 (C-6His)
Catalog #: PHH0543



Summary

Name	D-tyrosyl-tRNA(Tyr) deacylase 1/DTD1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q8TEA8
Host	Human Cells
Species	Human
Predicted Molecular Mass	24.5 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



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Alternative Names

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

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 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.

Note

For Research Use Only , Not for Diagnostic Use.