

## 32-2286: DTD2 Recombinant Protein

**Alternative Name :** D-Tyrosyl-TRNA Deacylase 2 (Putative),Chromosome 14 Open Reading Frame 126,Probable D-Tyrosyl-TRNA(Tyr) Deacylase 2,EC 3.1.-.-,C14orf126

### Description

Source : Escherichia Coli. DTD2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 191 amino acids (1-168) and having a molecular mass of 21.0 kDa. DTD2 is fused to a 23 amino acid His-tag at N-terminus. DTD2 is a member of the DTD family. DTD2 protein hydrolyzes D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr) as a defense mechanism against a harmful effect of D-tyrosine.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The DTD2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 150mM NaCl, 1mM DTT and 20% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSMAEGSRI PQARALLQOC LHARLQIRPA DGDVAAQWVE VQRGLVIYVC FFKGADKELL PKMVNTLLNV KLSETENGLKH VSILDLPGNI LIIPQATLGG RLGKGRNMQYH SNSGKEEGFE LYSQFVTLCE KEVAANSKCA EARVVVEHGT YGNRQVLKLD TNGPFTHLIE F

