Recombinant Human D-tyrosyl-tRNA (Tyr) deacylase 1 (DTD1)

Product Code	CSB-EP819477HU-B
Abbreviation	DTD1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8TEA8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MKAVVQRVTR ASVTVGGEQI SAIGRGICVL LGISLEDTQK ELEHMVRKIL NLRVFEDESG KHWSKSVMDK QYEILCVSQF TLQCVLKGNK PDFHLAMPTE QAEGFYNSFL EQLRKTYRPE LIKDGKFGAY MQVHIQNDGP VTIELESPAP GTATSDPKQL SKLEKQQQRK EKTRAKGPSE SSKERNTPRK EDRSASSGAE GDVSSEREP
Source	E.coli
Target Names	DTD1
Protein Names	Recommended name: D-tyrosyl-tRNA(Tyr) deacylase 1 EC= 3.1.-.- Alternative name(s): Histidyl-tRNA synthase-related
Expression Region	1-209
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is similar in sequence to histidyl-tRNA synthetase, which hydrolyzes D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr). The encoded protein is found in the cytoplasm.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.