

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

DTD1, 1-209aa, Human, His tag, E.coli

产品货号: TP01928

第三版

别名:D-tyrosyl-tRNA deacylase 1, bA379J5.3, bA555E18.1, C20orf88, DUEB, HARS2, pqn-68

描述:DTD1 hydrolyzes D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr). It could be a defense mechanism against a harmful effect of D-tyrosine. DTD1 may be a risk factor for aspirin-intolerant asthma (AIA) by catalyzing the hydrolysis of D-tryptophan and interacting with the tyrosyl-tRNA synthetase (tyrRS) enzyme, which promotes a pro-inflammatory phenotype.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

分子量:25.9kDa (232aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMKAVVQRVTRASVTVGGEQISAIGRGICVLLGISLEDTQKELEHMVRKILNLRVFE
DESGKHWSKSVMDKQYEILCVSQFTLQCVLKGNKPDFHLAMPTEQAEGFYNSFLEQLRKTYRPELIKDGKFGAYMQVHI
QNDGPVTIELESPAPGTATSDPKQLSKLEKQQQRKEKTRAKGPSESSKERNTPRKEDRSASSGAEGDVSSEREP

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.