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ICT1, 30-206aa, Human, His tag, E.coli

产品货号: TP02550

第三版

别名:Peptidyl-tRNA hydrolase ICT1, mitochondrial, DS-1, DS1

描述:Peptidyl-tRNA hydrolase ICT1 acts as a codon-independent translation release factor that has lost all stop codon specificity and directs the termination of translation in mitochondrion, possibly in case of abortive elongation. It may be involved in the hydrolysis of peptidyl-tRNAs that have been prematurely terminated and thus in the recycling of stalled mitochondrial ribosomes.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1mM DTT

分子量:22.8 kDa (200aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSLHKQKDGTEFKSIYSLDKLYPESQGSDTAWRVPNGAKQADSDIPLDRLTISYCRSSG
PGGQNVNKNVNSKAEVRFHLATAEWIAEPVRQKIAITHKNKINRLGELILTSESSRYQFRNLADCLQKIRDMITEASQTPKEP
TKEDVKLHRIRIENMNRERLRQKRIHSAVKTSRRVDMD

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.