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DCPS, 1-337aa, Human, His tag, E.coli

产品货号: TP01839

第三版

别名: Scavenger mRNA-decapping enzyme DcpS, DCS1, HINT5

描述: DCPS, also known as scavenger mRNA-decapping enzyme, belongs to the HIT family. It is necessary for the complete degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. A scavenger decapping enzyme, DcpS was shown to hydrolyze the residual m⁷GpppN cap structure after the complete 3' – 5' degradation of the mRNA by the exosome.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量: 40.8 kDa (357aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMADAAPQLGKRKRELDVEEAHAASTEKEAGVGNGTCPVRLPFSGFRLQKVLRESAR
DKIIFLHGKVNESGDGDGEDAVVILEKTPFQVEQVAQLLTGSPELQLQFSNDIYSTYHLFPPRQLNDVKTTVVYPATEKH
LQKYLRQDLRLIRETGDDYRNITLPHLESQSLSIQWVYNILDKKAEADRIVFENPDPSDGFVLIPDLKWNQQQLDDLYLIAI
CHRRGIRSLRDLTPEHLPLLRNHLHQQQEAILQRYRMKGDHLRVYLHYLPSYYHLHVHFTALGFEAPGSGVERAHLLEVI
ENLECDPRHYQQRTLTFALRADDPLLKLLQEAQQS

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.