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CTDSP1, 1-260aa, Human, His tag, E.coli

产品货号: TP01763

第三版

别名: Carboxy-terminal domain, RNA polymerase II, polypeptide A phosphatase 1, NLIIF, SCP1, NIF3

描述: Carboxy-terminal domain, RNA polymerase II, polypeptide A phosphatase 1, also known as CTDSP1, is a class 2C phosphatase with activity dependent on the conserved DxD motif. CTDSP1 preferentially catalyzes the dephosphorylation of 'Ser-5' within the tandem 7 residues repeats in the C-terminal domain (CTD) of the largest RNA polymerase II subunit POLR2A.

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

分子量: 31.2 kDa (280aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMDSSAVITQISKEEARGPLRGKGDQKSAASQKPRSRGILHSLFCCVCRDDGEALPAHSGA
PLLVEENGAIPKTPVQYLLPEAKAQSDKICVVIDLDETLVHSSFKPVNNAFDIIPVEIDGVVHQVYVLKRPHVDEFLQRM
GELFECVLFTASLAKYADPVADLLDKWGAFRARLFRESCVFHRGNYVKDLSRLGRDLRRVLILDNSPASYVFHPDNAVPVA
SWFDNMSDELHDLPPFEQLSRVDDVYSVLRQPRPGS

纯度: > 95% by HPLC

浓度: 1 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.