

AR50233PU-N

Human CTDSPL (82-265, His-tag) - Purified

Alternate names:	C3orf8, CTD small phosphatase-like protein, CTDSP-like, NIF-like protein, NIF1, NIFL, NLI-interacting factor 1, Nuclear LIM interactor-interacting factor 1, Protein YA22, RBSP3, SCP3, Small C-terminal domain phosphatase 3, YA22
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	CTDSPL, also known as CTD small phosphatase-like protein, 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.
Uniprot ID:	O15194
NCBI:	NP_005799
GeneID:	10217
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT
Description:	Recombinant human CTDSPL protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SGLVPRGSH MGSHMKYLLP EVTVLDYGKK CVVIDLDEL VHSSFKPISN ADFIVPVEID GTIHQVYVLK RPHVDEFLQR MGQLFECVLF TASLAKYADP VADLLDRWGV FRARLFRESC VFHRGNYVKD LSRLGRELSK VIIVDNSPAS YIFHPENAVP VQSWFDDMTD TELLDLIPFF EGLSREDDVY SMLHRLCNR Molecular weight: 23.9 kDa (209aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Choudhary C., et al. (2009) Science. 325:834-840 Daub H., et al. (2008) Mol. Cell. 31:438-448