

CTD Small Phosphatase 1 Human Recombinant

Item Number	rAP-1517
Synonyms	Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1, Nuclear LIM interactor-interacting factor 3, NLI-IF, NLI-interacting factor 3, Small C-terminal domain phosphatase 1, SCP1, Small CTD phosphatase 1, CTDSP1, NIF3, NLIIF.
Description	CTDSP1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 280 amino acids (1-260 a.a.) and having a molecular mass of 31.2kDa.CTDSP1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9GZU7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MDSSAVITQI SKEEARGPLR GKGDQKSAAS QKPRSRGILH SLFCCVCRDD GEALPAHSGA PLLVEENGAI PKTPVQYLLP EAKAQDSDKI CVVIDLDEL VHSFVKPVNN ADFIIPVEID GVVHQVYVLK RPHVDEFLQR MGELFECVLF TASLAKYADP VADLLDKWGA FRARLFRESC VFHRGNVYKD LSRLGRDLRR VLILDNSPAS YVFHPDNAV P VASWFDNMSD TELHDLL- PFF EQLSRVDDVY SVLRQPRPGS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	CTDSP1 solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.1M NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**