

CTDSPL Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10036a**Specification**

CTDSPL Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O15194](#)
Other Accession [NP_001008393.1](#), [NP_005799.2](#)

CTDSPL Antibody (N-term) Blocking peptide - Additional Information

Gene ID 10217

Other Names

CTD small phosphatase-like protein, CTDSP-like, Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 3, NIF-like protein, Nuclear LIM interactor-interacting factor 1, NLI-interacting factor 1, Protein YA22, hYA22, RBSP3, Small C-terminal domain phosphatase 3, SCP3, Small CTD phosphatase 3, CTDSPL, C3orf8, NIF1, NIFL, SCP3, YA22

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CTDSPL Antibody (N-term) Blocking peptide - Protein Information

Name CTDSPL

Synonyms C3orf8, NIF1, NIFL, SCP3, YA22

Function

Recruited by REST to neuronal genes that contain RE-1 elements, leading to neuronal gene silencing in non-neuronal cells (By similarity). Preferentially catalyzes the dephosphorylation of 'Ser-5' within the tandem 7 residue repeats in the C-terminal domain (CTD) of the largest RNA polymerase II subunit POLR2A. Negatively regulates RNA polymerase II transcription, possibly by controlling the transition from initiation/capping to processive transcript elongation.

Cellular Location

Nucleus.

Tissue Location

Expression is restricted to non-neuronal tissues.

CTDSPL Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CTDSPL Antibody (N-term) Blocking peptide - Images