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SSU72 Human

Catalog #:ENPS-250

For research use only.

Description:SSU72 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 217 amino acids (1-194) and having a molecular mass of 25.0kDa.SSU72 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:SSU72 RNA polymerase II CTD phosphatase homolog (S. cerevisiae), HSPC182, CTD phosphatase SSU72, Ssu72 RNA polymerase II CTD phosphatase homolog (yeast), PNAS-120, RNA polymerase II subunit A C-terminal domain phosphatase SSU72, EC 3.1.3.16.

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSMPSSPLR VAVVCSSNQN RSMEAHNILS KRGFSVRSFG TGTHVKLPGP APDKPNVYDF KTTYDQMYND LLRKDKELYT QNGILHMLDR NKRIKPRPER FQNCKDLFDL ILTCEERVYD QVVEDLNSRE QETCQPVHVV NVDIQDNHEE ATLGAFLICE LCQCIQHTED MENEIDELLQ EFEEKSGRTF LHTVCFY

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:
The SSU72 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.

Stability:
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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
SSU72 is an extremely conserved homologue of yeast Ssu72, a CTD phosphatase and a component of the polyadenylation/termination machinery. SSU72 interacts with TFIIB, Rb and DNAM-1 and operates to catalyze the dephosphorylation of target proteins, and taking part in RNA processing and termination via dephosphorylation of Pol II. SSU72 is found in multiple alternatively spliced isoforms.

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