

32-2819: SSU72 Recombinant Protein

Alternative Name : 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.

Description

Source : E.coli. 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. 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.

Product Info

Amount : 20 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The SSU72 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMPSSPLR VAVVCSSNQN RSMEAHNLS KRGFSVRSFG
 TGTHVKLP GP APDKPNVYDF KTTYDQMYND LLRKDKELYT QNGILHMLDR NKRIKPRPER FQNCDFDL
 ILTCEERVYD QVVEDLNSRE QETCQPVHVV NVDIQDNHEE ATLGAF LICE LCQCIQHTED MENEIDELLQ
 EFEEKSGRTF LHTVCFY

