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32-4334: Recombinant Human NIN1/RPN12 Binding Protein 1

Alternative Name :	NIN1/RPN12 Binding Protein 1 Homolog,PSMD8BP1,PSMD8 Binding Protein 1,Nin One Binding Protein,Phosphorylation Regulatory Protein HP-10,Protein ART-4,RNA-Binding Protein NOB1,Adenocarcinoma Antigen Recognized By T Lymphocytes 4,NOB1P,MST158.

Description

Source : Escherichia Coli. NOB1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 435 amino acids (1-412) and having a molecular mass of 49.1kDa.NOB1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Nob1 takes part in pre-rRNA processing and cleaves in a late cytoplasmic processing step a 20S rRNA intermediate at cleavage site D to create the mature 18S rRNA. In yeast, more than 200 protein and RNA cofactors are essential for ribosome assembly, and these are mostly conserved in eukaryotes. These factors oversee alteration and cleavage of the initial 35S precursor rRNA transcript into the mature 18S, 5.8S, and 25S rRNAs, folding of the rRNA, and binding of ribosomal proteins and 5S RNA.

Product Info

Amount :	20 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	The NOB1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 MGSMAPVEHV VADAGAFLRH AALQDIGKNI YTIREVVTEI RDKATRRRLA VLPYELRFKE PLPEYVRLVT EFSKKTGDYP SLSATDIQVL ALTYQLEAEF VGVSHLKQEP QKVKVSSSIQ HPETPLHISG FHLPYKPKPP QETEKGHSAC EPENLEFSSF MFWRNPLPNI DHELQELLID RGEDVPSEEE EEEENGFEDR KDDSDDDGGG WITPSNIKQI QQELEQCDVP EDVRVGCLTT DFAMQNVLLQ MGLHVLAVNG MLIREARSYI LRCHGCFKTT SDMSRVFCSH CGNKTLKKVS VTVSDDGTLH MHFSRNPKVL NPRGLRYSLP TPKGGKYAIN PHLTEDQRFP QLRLSQKARQ KTNVFAPDYI AGVSPFVEND ISSRSATLQV RDSTLGAGRR RLNPNASRKK FVKKR