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NOB1 Human

NIN1/RPN12 Binding Protein 1 Human Recombinant
RCP1515

Product Overview

Name	NOB1 Human
Description	
NIN1/RPN12 Binding Protein 1 Human Recombinant	
Accession (Primary)	Q9ULX3
Synonyms	
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The NOB1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAPVEHV 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

Precautions

NOB1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9ULX3)