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NOB1, 1-412aa, Human, His tag, E.coli

产品货号: TP03183

第三版

别名:RNA-binding protein NOB1 , ART-4, MST158, MSTP158, NOB1P, PSMD8BP1

**描述:**In yeast, over 200 protein and RNA cofactors are required for ribosome assembly, and these are generally conserved in eukaryotes. These factors orchestrate modification 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. Nob1 is involved in pre-rRNA processing. In a late cytoplasmic processing step, Nob1 cleaves a 20S rRNA intermediate at cleavage site D to produce the mature 18S rRNA. Recombinant human NOB1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

**分子量:**49.1 kDa (435aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMAPVEHVVADAGAFRLRHAALQDIGKNIYTIREVVTEIRDKATRRRLAVLPYELRFK  
EPLPEYVRLVTEFSKKTGDYPSLSATDIQVLALTYQLEAEFVGVSHLKQEPQKVKVSSSIQHPETPLHISGFHLPYKPKPPQET  
EKGHSACEPENLEFSSFMFWRNPLPNIDHELQELLIDRGEDVPSEEEEEENGFEEDRDKDDSDDDGGGWITPSNIKQIQQELE  
QCDVPEDVRVGCLTTDFAMQNVLLQMGLHVLA VNGMLIREARSYILRCHGCFKTTSDMSRVFCSHCGNKTLKKVSVTV  
SDDGTLHMHF SRNPKVLNPRGLRYSLPTPKGGKYAINPHLTEDQRFPLRLS QKARQKTNV FAPDYIAGVSPFVENDISSRS  
ATLQVRDSTLGAGRRRLNPNASRKKFVKKR

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.