

Poly(A) Binding Protein, Nuclear 1 Human Recombinant

Item Number	rAP-4102
Synonyms	Poly(A) Binding Protein Nuclear 1, Poly(A) Binding Protein 2, Polyadenylate-Binding Nuclear Protein 1, PABP-2, OPMD, PAB2, Nuclear Poly(A)-Binding Protein 1, PABII.
Description	PABPN1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 211 amino acids (119-306) and having a molecular mass of 23.8 kDa. PABPN1 is fused to a 23 amino acid His-tag at N-terminus.
Uniprot Accession Number	Q86U42
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSLEAIKAR VREMEEEAEK LKELQNEVEK QMNMSPPPGN AGPVIM-SIEE KMEADARSIY VGNVDYGATA EELEAHFHGC GSVNRVTILC DKFSGHPKGF AYIEFSDKES VRT-SLALDES LFRGRQIKVI PKRTNRPGIS TTDRGFPRAR YRARTTNYNS SRSRFYSGFN SRPRGRVYRG RARATSWYSP Y
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The PABPN1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**