

3(2) 5-Bisphosphate Nucleotidase 1 Human Recombinant

Item Number	rAP-1351
Synonyms	3'(2'), 5'-bisphosphate nucleotidase 1, Bisphosphate 3'-nucleotidase 1, PAP-inositol-1,4-phosphatase, PIP, EC 3.1.3.7, BPntase.
Description	BPNT1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 344 amino acids (1-308a.a.) and having a molecular mass of 37.5kDa. BPNT1 is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O95861
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAS NTVLMRLVAS AYSIAQKAGM IVRR-VIAEGD LGIVEKTCAT DLQTKADRLA QMSICSSLAR KFPKLTIGE EDLPSEEVQ ELIEDSQWEE ILKQPCPSQY SAIKEEDLVV WVDPLDGTKE YTEGLLDNVT VLGIAIYEGK AIAGVINQPY YNYEAGPDAV LGRTIWGVLG LGAFGFQLKE VPAGKHIIT TRSHSNKLV DCVAAMNPDA VLRVGGAGNK IIQLIEGKAS AYVFASPGCK KWDTCAPEVI LHAVGGKLT IHGNVLQYHK DVKHMNSAGV LATLRNYDYY ASRVPESIKN ALVP
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. Please avoid freeze thaw cycles.
Formulation and Purity	The BPNT1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 5mM DTT, 0.1M NaCl and 10% glycerol. Greater than 90% 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**