ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Phospholysine Phosphohistidine Inorganic Pyrophosphate Phospha-

Item Number	rAP-1549
Synonyms	Phospholysine phosphohistidine inorganic pyrophosphate phosphatase, hLHPP, LHPP, HDHD2B.
Description	LHPP Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 307 amino acids (1-270) and having a molecular mass of 33.5kDa.LHPP is fused to a 37 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9H008
Amino Acid Sequence	MRGSHHHHHP WYASMTGGQQ MGRDLYDDDD KDRWGSHMAP WGKRLAGVRG VLLDISGVLY DSGAGGGTAI AGSVEAVARL KRSRLKVRFC TNESQKSRAE LVGQLQRLGF DISEQEVTAP APAACQILKE QGLRPYLLIH DGVRSEFDQI DTSNPNCVVI ADAGESFSYQ NMNNAFQVLM ELEKPVLISL GKGRYYKETS GLMLDVGPYM KALEYACGIK AEVVGKPSPE FFKSALQAIG VEAHQAVMIG DDIVGDVG-GA QRCGMRALQV RTGKFRPSDE HHPEVKADGY VDNLAEAVDL LLQHADK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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 LHPP solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl. Greater than 90.0% 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