

Pyridoxal Phosphatase Human Recombinant

Item Number	rAP-1545
Synonyms	CIN, PLP, PLPP, EC 3.1.3.74.
Description	PDXP Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 316 amino acids (1-296 a.a.) and having a molecular mass of 33.8 kDa. The PDXP is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96GD0
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MARCERLRGA ALRDVLGRAQ GVLFDCDGVL WNGERAVPGA PELLERLARA GKAALFVSNN SRRARPELAL RFARLGFGL RAEQLFSSAL CAARLLRQRL PGPPDAP-GAV FVLGGEGRLA ELRAAGRLA GDPSAGDGAA PRVRAVLVGY DEHFSFAKLR EACAHLRDPE CLLVATDRDP WHPLSDGSRT PGTGSLAAAV ETASGRQALV VGKPSYMF E CITENFSIDP ARTLMVG-DRL ETDILFGHRC GMTTVLTLTG VSRLEEAQAY LAAGQHDLPV HYYVESIADL TEGLED.
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	1mg/ml solution containing 20mM Tris pH-8, 1mM DTT, 0.1M NaCl & 20% glycerol. Greater than 95.0% 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**