ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Peptidylprolyl Isomerase (Cyclophilin)-Like 4 Human Recombinant

Item Number	rAP-0928
Synonyms	Peptidyl-prolyl cis-trans isomerase-like 4, PPIase, Cyclophilin-like protein PPIL4, Rotamase PPIL4, PPIL4, HDCME13P.
Description	PPIL4 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 512 amino acids (1-492 a.a.) and having a molecular mass of 59.4kDa. The PPIL4 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q8WUA2
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAVLLETTLG DVVIDLYTEE RPRACLNFLK LCKIKYYNYC LIHNVQRDFI IQTGDPTGTG RGGESIFGQL YGDQASFFEA EKVPRIKHKK KGTVSMVNNG SDQHGSQFLI TTGENLDYLD GVHTVFGEVT EGMDIIKKIN ETFVDKDFVP YQDIRINHTV ILDDPFDDPP DLLIPDRSPE PTREQLDSGR IGADEEIDDF KGRSAEEVEE IKAEKEAKTQ AILLEMVGDL PDADIKPPEN VLFVCKLNPV TTDEDLEIIF SRFGPIRSCE VIRDWKTGES LCYAFIEFEK EEDCEKAFFK MDNVLIDDRR IHVDFSQSVA
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 PPIL solution (0.5 mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Specific activity is > 190 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-pNA per minute at 25C in Tris-Hcl pH8.0 using chymotrypsin.
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

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