

32-2710: PPIL2 Recombinant Protein

Alternative Name CYC4,Cyp-60,CYP60,hCyP-60,Peptidyl-prolyl cis-trans isomerase-like 2,PPlase,Rotamase
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PPIL2,Cyclophilin-60,Cyclophilin-like protein Cyp-60,PPIL2,MGC787,FLJ39930,MGC33174.

Description

Source : Escherichia Coli. PPIL2 Human Recombinant fused to 20 amino acid His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 547 amino acids (1-527 a.a.) and having a molecular mass of 61.6 kDa. The PPIL2 is purified by proprietary chromatographic techniques. PPIL2 is part of the cyclophilin family of peptidylprolyl isomerases which are highly conserved ubiquitous proteins that play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. PPIL2 interacts with the proteinase inhibitor eglin c and is localized in the nucleus. PPIL2 increases folding of proteins and catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

Product Info

Amount : 10 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The PPIL2 solution contains 20mM Tris-HCl pH-8, 0.1M NaCl and 20% glycerol.
Storage condition : PPIL2 Recombinant Human although stable at 4°C for 30 days, should be stored desiccated below -20°C for periods greater than 30 days. Please avoid freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSSLVPRGSH MGKRQHQKDK MYITCAEYTH FYGGKKPDLP QTNFRRLPFD
HCSLSLQPFV YPVCTPDGIV FDLLNIVPWL KKYGTNPSNG EKLDGRSLIK LNFSKNSEGK YHCPVLFTVF
TNNTHIVAVR TTGNVYAYEA VEQLNIKAKN FRDLLTDEPF SRQDIITLQD PTNLDKFNVS Nfyhvknnmk
IIDPDEEKAK QDPSYLLKNT NAETRETLQE YKEFKGDEI LAATMKAPEK KKVDKLNAAH YSTGKVSASF
TSTAMVPETT EAAAIDEDV LRYQFVKKKG YVRLHTNKGD LNLELHCDLT PKTCENFIRL CKKHYYDGTI
FHR SIRNFVI QGGDPTGTGT GGESYWGKPF KDEF RPNLSH TGRGILSMAN SGPNSNRSQF FITFRSCAYL
DKKHTIFGRV VGGFDVLTAM ENVESDPKTD RPKEEIRIDA TTVFVDPYEE ADAQIAQERK TQLKVAPETK
VKSSQPQAGS QGPQTFRQGV GKYINPAATE QQRKSPQVPV LSPCRRSPV GVLGTSAPGS SRLPDDH.

Application Note

Specific activity is > 290 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.

