

RPPB2155

Product Information Protein Information

Product SKU:

RPPB2155

Accession:

Q13356

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered clear colorless solution.

Synonyms:

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

Formulation:

The PPIL2 solution contains 20mM Tris-HCl pH-8, 0.1M NaCl and 20% glycerol.

Purity:

Greater than 95% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGKRQHQKDK MYITCAEYTH FYGGKKPDLP QTNFRRLPFD HCSLSLQPFV
YPVCTPDGIV FDLLNIVPWL KKYGTNPSNG EKLDGRSLIK LNFSKNSEGK YHCPVLFTVF TNNTHIVAVR
TTGNVYAYEA VEQLNIKAKN FRDLLTDEPF SRQDIITLQD PTNLDFKNVS NFYHVKNNMK IIDPDEEKAK
QDPSYLLKNT NAETRETLQE YKEFKGDEI LAATMKAPEK KKVDKLNAAH YSTGKVSASF TSTAMVPETT
EAAAIDEDV LRYQFVKKKG YVRLHTNKGD LNLELHCDLT PKTCENFIRL CKKHYYDGTI FHRSIRNFVI
QGGDPTGTGT GGESYWGKPF KDEFRPNLSH TGRGILSMAN SGPNSNRSQF FITFRSCAYL DKKHTIFGRV
VGGFDVLTAM ENVESDPKTD RPKEIRIDA TTVFVDPYEE ADAQIAQERK TQLKVAPETK VKSSQPQAGS
QGPQTFRQGV GKYINPAATE QQRKSPQVVP LSPCRRRSPV GVLGTSAPGS SRLPDDH.

Biological Activity:

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.