

Human PPIF Recombinant Protein



RPPB1542

Product Information Protein Information

Product SKU:

RPPB1542

Accession:

P30405

Host:

Escherichia Coli.

Protein description:

PPIF Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 198 amino acids (30-207) and having a molecular mass of 21 kDa. The PPIF is fused to a 20 amino acid His tag at N-terminus and is purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Peptidylprolyl Isomerase F, PPIF, CYP-D, CYP3, SnuCyp-20, Peptidyl-prolyl cis-trans isomerase mitochondrial, Cyclophilin F, FLJ90798, MGC117207, peptidylprolyl isomerase F.

Formulation:

PPIF solution containing 20mM Tris-HCl pH-7.5, 10% glycerol and 1mM DTT.

Purity:

Greater than 95.0% 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 SGLVPRGSH CSKGSQDPSS SSSGNPLVY LDVDANGKPL GRVVLELKAD VVPKTAENFR
ALCTGEKGFY YKGSTFHRVI PSFMCQAGDF TNHNGTGGKS IYGSRFPDEN FTLKHVGPV LSMANAGPNT
NGSQFFICTI KTDWLDGKHV VFGHVKEGMD VVKKIESFGS KSGRTSKKIV ITDCGQLS.

Biological Activity:

Specific activity is > 250 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.