

Cyclophilin G, 1-175 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01812

3th Edition

Synonyms:Peptidyl-prolyl cis-trans isomerase G, PPIase G, Rotamase G, Cyclophilin G, CASP10, PPIG

Description:Peptidyl-prolyl cis-trans isomerase G (PPIG), also known as Cyclophilin G, is a member of peptidylprolyl cis-trans isomerase family (PPIases). This protein catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and is implicated in the folding, transport, and assembly of proteins.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0), containing 1mM DTT, 10% glycerol

Molecular Weight:21.6 kDa (195aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGIKVQRPRCFFDIAINNQPAGR VVFELFSDVCPKTCENFRCLCTGEKGTGKSTQ
KPLHYKSCLFHRVVKDFMVQGGDFSEGNGRGGESIYGGFFEDSFVAVKHNFLLSMANRGKDTNGSQFFITTKP
TPHLDGHHVVFQGQVISGQEVVREIENQKTDAAASKPFAEVRILSCG

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.