

Cyclophilin A, 1-165 aa, Human, Recombinant, E.coli

Cat.NO.: TP01808

3th Edition

Synonyms:Peptidylprolyl isomerase A, PPIA, CYPA, CYPH

Description:Cyclophilin A (also known as Peptidylprolyl isomerase A, PPIA) encodes a member of the peptidyl-prolyl cis-trans isomerase family. They are highly-conserved cytoplasmic enzymes that accelerate protein folding. Cyclophilin A is also incorporated into many viruses, including HIV-1, where it has been speculated to be involved in functions such as viral assembly and infectivity.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20 mM NaCl, 0.5 mM DTT, 10% glycerol

Molecular Weight:20kDa (185aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFYKGSCHFHR
IIPGFMCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTEWLDGKHVVFGKV
KEGMNIVEAMERFGSRNGKTSKKITIADCGQLE

Purity:> 95% by HPLC

Concentration:1.0 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.