

Cyclophilin A from Human, Recombinant

Cat. No. NATE-0823

Lot. No. (See product label)

Introduction

Description Cyclophilins are peptidyl prolyl isomerases that catalyze the cis-trans isomerization of X-Pro peptide bonds. They are highly-conserved cytoplasmic enzymes that accelerate protein folding and facilitate HIV infectivity. Cyclosporin A binds to cyclophilin and inhibits its activity. The cyclosporin A-cyclophilin complex binds to calcineurin and inhibits T-cell activation. The structure of human, recombinant cyclophilin is given by Holzman, et al.

Synonyms PPIase; cyclophilin; peptide bond isomerase; peptidyl-prolyl cis-trans isomerase; peptidylprolyl isomerase; EC 5.2.1.8; 95076-93-0; PPIA; CYPA; CYPH; HEL-S-69p

Product Information

Species Human

Source E. coli

Form Buffered aqueous solution

EC Number EC 5.2.1.8

CAS No. 95076-93-0

Purity >95% (SDS-PAGE)

Concentration >0.3 mg/ml

Buffer 20mM Tris, pH 8.0, containing 20 mM NaCl, 0.5 mM DTT and 10% glycerol

Storage and Shipping Information

Storage Store at -20°C