

Rat Cyclophilin A Recombinant Protein



RPPB1533

Product Information Protein Information

Product SKU:

RPPB1533

Accession:

P10111

Host:

Escherichia Coli.

Protein description:

Cyclophilin-A Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Val2-Leu164) containing 173 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 19kDa.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Peptidyl-prolyl cis-trans isomerase A, EC:5.2.1.8, PPIase A, Cyclophilin A, Cyclosporin A-binding protein, Rotamase A, p1B15, p31, Ppia.

Formulation:

Cyclophilin-A was filtered (0.4µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline and 5%(w/v) trehalose.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Cyclophilin-A is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHASVNPTVFFDIT ADGEPLGRVC FELFADKVPK TAENFRALST GEKGFYKGS SFHRIIPGFM
CQGGDFTRHN GTGGKSIYGE KFEDENFILK HTGPGILSMA NAGPNTNGSQ FFICTAKTEW LDGKHVVFGK
VKEGMSIVEA MERFGSRNGK TSKKITISDC GQL.