

PRODUCT DATA SHEET

Cyclophilin A Human E. coli

Cat. No.: RD172329100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Peptidyl-prolyl cis-trans isomerase A, PPIase A, Cyclosporin A-binding protein, Rotamase A, PPIA, CYPA

Description:

Total 174 AA. MW: 19.12 kDa (calculated). UniProtKB acc.no. P62937 (Val2-Glu165). N-Terminal His-tag (10 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

MKHHHHHHAS VNPTVFFDIA VDGEPLGRVS FEFADKVPK TAENFRALST GEKGFGYKGS
CFHRIIPGFM CQGGDFTRHN GTGGKSIYGE KFEDENFILK HTGPGILSMA NAGPNTNGSQ
FFICTAKTEW LDGKHVVFVK VKEGMNIVEA MERFGSRNGK TSKKITIADC GQLE

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/mL in 20mM Tris buffer, 50 mM NaCl, pH 7.0

Reconstitution:

Add 200μl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.