

PRODUCT DATA SHEET

Cyclophilin A Mouse E. coli

Cat. No.: RD272455100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Mouse

Other Names:

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

Description:

Total 173 AA. MW: 19.1 kDa (calculated). UniProtKB acc.no. P17742 (Val2-Leu164). N-terminal his-tag (10 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

MKHHHHHHAS VNPTVFFDIT ADDEPLGRVS FELFADKVPK TAENFRALST GEKGFYKGS
SFHRIIPGFM CQGGDFTRHN GTGGRSIYGE KFEDEFILK HTGPGILSMA NAGPNTNGSQ
FFICTAKTEW LDGKHVVFVK VKEGMNIVEA MERFGSRNGK TSKKITISDC GQL

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline, pH 7.2

Reconstitution:

Add 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.