

Recombinant Mouse PPlase A/PPIA Protein

Catalog No.: RP01609LQ

Sequence Information

Species **Gene ID**
Mouse 268373

Swiss Prot **Tags**
P17742 C-His

Synonyms
CYPA, CYPH, HEL-S-69p, PPIA

Product Information

Source **Purification**
E. coli ≥ 95 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
18.81 kDa 15–20 kDa

Endotoxin
< 1 EU/μg of the protein by LAL
method.

Formulation
Supplied as a 0.22 μm filtered
solution in PBS, 10% glycerol, pH
7.5.

Reconstitution

Background

This protein is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. The protein is a cyclosporin binding-protein and may play a role in cyclosporin A-mediated immunosuppression. The protein can also interact with several HIV proteins, including p55 gag, Vpr, and capsid protein, and has been shown to be necessary for the formation of infectious HIV virions.

Basic Information

Description

Recombinant Mouse PPlase A/PPIA Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Leu164) of mouse PPlase A/PPIA (Accession #NP_032933.1) fused with a 6×His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

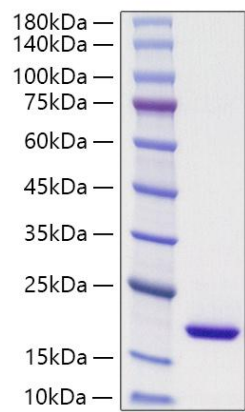
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Validation Data



Recombinant Mouse PPlase A/PPIA Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.