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Recombinant Mouse PPIase A/PPIA Protein

Catalog No.: RP01609LQ   **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	268373	P17742

Tags
C-His

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

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
18.81 kDa

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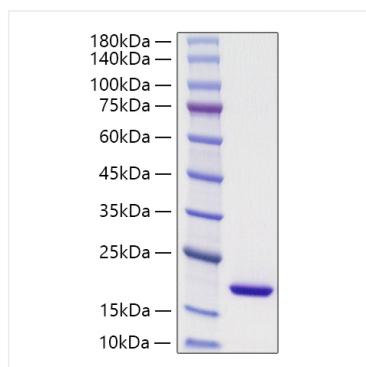
Bio-Activity

Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃. This product is stable at ≤ -70℃ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.
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Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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* 本产品仅用于科学研究，不得用于临床诊断或治疗。

Validation Data

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