

## Product datasheet for **TP727586**

### Ppia Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Peptidyl-prolyl Cis-trans Isomerase A/Cyclophilin A/CYPA
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Met1-Leu164
Buffer:	Supplied as a 0.2 um filtered solution of PBS, 10% Glycerol, pH 7.4 .
Note:	Recombinant Mouse Peptidyl-prolyl Cis-trans Isomerase A is produced by our E.coli expression system and the target gene encoding Met1-Leu164 is expressed.
Stability:	12 months from date of despatch
Locus ID:	268373
UniProt ID:	<a href="#">P17742</a>
Summary:	<p>Peptidyl-prolyl cis-trans isomerase A is a cytoplasm protein which belongs to the cyclophilin-type PPlase family and PPlase A subfamily. Cyclophilins(CyPs) are a family of proteins found in organisms ranging from prokaryotes to humans. These molecules exhibit peptidyl-prolyl isomerase activity, suggesting that they influence the conformation of proteins in cells. Cyclophilin A accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Cyclophilin A can 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.</p>



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