

Recombinant Mouse Ppia Protein, His-tagged

Cat. No. Ppia-7385M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse ppiA, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
ProteinLength	1-164
Description	PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
Form	Liquid
Molecular Mass	20.4 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSMVNPTVFFDITADDEPLGRVSFELFADKVPKT AENFRALSTGEKGFYKGSFHRIPGFMCQGGDFTRHNGTGGRSIYGEKFEDENFI LKHTGPGILSMANAGPNTNGSQFFICTAKTEWLDGKHVVFGKVKEGMNIVEAMERF GSRNGKTSKKITISDCGQL
Purity	> 95 % by SDS-PAGE
Stability	Shelf life: one year from despatch.

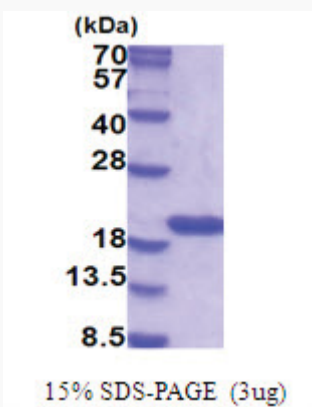
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Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	0.5 mg/mL (determined by Bradford assay)
Storage Buffer	In Phosphate buffered saline (pH7.4) containing 10 % glycerol, 1 mM DTT.
GENE INFORMATION	
Gene Name	Ppia peptidylprolyl isomerase A [Mus musculus (house mouse)]
Official Symbol	Ppia
Synonyms	Ppia; peptidylprolyl isomerase A; Cp; Cy; Cphn; CypA; SP18; CyP-1; CyP-18; peptidyl-prolyl cis-trans isomerase A; PPIase A; cyclophilin A; cyclosporin A-binding protein; rotamase A; EC 5.2.1.8
Gene ID	268373
mRNA Refseq	NM_008907
Protein Refseq	NP_032933
UniProt ID	P17742

SDS-PAGE



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