

Peptidylprolyl isomerase A (PPIA) Recombinant Protein | PPIA recombinant protein

Recombinant Human Peptidylprolyl isomerase A (PPIA) Protein

CATALOG # AAA55958	HOST E Coli	APPLICATIONS ELISA, Western Blot
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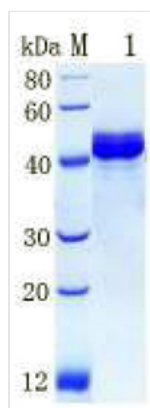
PRODUCT SYNONYMS

Peptidylprolyl isomerase A (PPIA); Recombinant Human Peptidylprolyl isomerase A (PPIA) Protein; PPIase A; CYPA; Cyclophilin A; Rotamase A; PPIA; PPIA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, 100 mM GSH, pH 8.0, with 15% glycerol.
Concentration	0.5 mg/mL (varies by lot)
Sequence Positions	1-165
Sequence	MVNPTVFFDI AVDGEPLGRV SFELFADKVP KTAENFRALS TGEKGFGYKG SCFHRIIPGF MCQGGDFTRH NGTGGKSIYG EKFEDEFIL KHTGPGILSM ANAGPNTNGS QFFICTAKTE WLDGKHVVFG KVKEGMNIVE AMERFGSRNG KTSKKITIAD CGQLE
Applicable Applications for PPIA recombinant protein	ELISA, WB (Western Blot)
Source	Human
Tag Information	N-terminal GST-tag.
Usage	PPIA Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Storage: Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. **Avoid repeated freeze-thaw cycles.** Stability: The recombinant protein is stable for up to 6-12 months from date of receipt at -80°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PPIA recombinant protein	Background: Peptidylprolyl isomerase A also known as cyclophilin A or rotamase A is an enzyme that in humans is encoded by the PPIA gene. This gene encodes 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 accelerates the folding of proteins. The encoded 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. Multiple pseudogenes that map to different chromosomes have been reported.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	665821274
NCBI GeneID	5478
NCBI Accession #	NP_001287910.1
NCBI GenBank Nucleotide #	NM_001300981.1
UniProt Accession #	P62937; P05092; Q3KQW3; Q567Q0; Q6IBU5; Q96IX3; Q9BRU4; Q9BTY9; Q9UC61; A8K220
Molecular Weight	Predicted MW: 44 kDa Observed MW: 44 kDa
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase A isoform 2
NCBI Official Synonym Full Names	peptidylprolyl isomerase A
NCBI Official Symbol	PPIA
NCBI Official Synonym Symbols	CYPA; CYPH; HEL-S-69p
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase A
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase A
UniProt Gene Name	PPIA
UniProt Synonym Gene Names	CYPA; PPIase A
UniProt Entry Name	PPIA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ppia-recombinant-protein-e-coli-elisa-wb-western-blot/55958>