

Cyclophilin A (CYPA) Recombinant Protein | CYPA recombinant protein

Recombinant Cyclophilin A (CYPA)

CATALOG # AAA134763	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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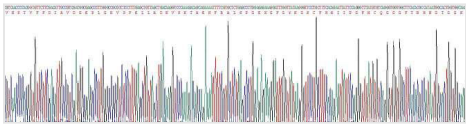
PRODUCT SYNONYMS

Cyclophilin A (CYPA); Recombinant Cyclophilin A (CYPA); CYPA recombinant protein

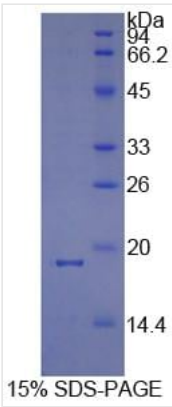
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	VNPTVFFDIA VDGEPLGRVS FELFADKVPK TAENFRALST GEKGFGYKGS CFHRIIPGFM CQGGDFTRHN GTGGKSIYGE KFEDENFILK HTGPGILSMA NAGPNTNGSQ FFICTAKTEW LDGKHVVFGK VKEGMNIVEA MERFGSRNGK TSKKITIADC GQLE
Sequence Length	165
Applicable Applications for CYPA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Val2~Glu165
Tags	N-terminal His Tag
Subcellular Location	Secreted, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.8
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence
Gene Sequencing (extract)



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863927
NCBI GeneID	5478
NCBI Accession #	NP_066953.1
NCBI GenBank Nucleotide #	NM_021130.3
UniProt Accession #	P62937; P05092; Q3KQW3; Q6IBU5; Q96IX3; Q9BRU4; Q9BTY9; Q9UC61; A8K220
Molecular Weight	Predicted Molecular Mass: 19.1kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase A
NCBI Official Synonym Full Names	peptidylprolyl isomerase A (cyclophilin A)
NCBI Official Symbol	PPIA
NCBI Official Synonym Symbols	CYPA; CYPH; HEL-S-69p
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase A; PPIase A; rotamase A; cyclophilin; T cell cyclophilin; cyclosporin A-binding protein; epididymis secretory sperm binding protein Li 69p
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-wb-western-blot-sds-page-immunogen-positive-control/134763>