

Human recombinant protein Cyclophilin A
Human Recombinant Cyclophilin A
Catalog # PBV10549r**Specification**

Human recombinant protein Cyclophilin A - Product info

Primary Accession	P62937
Concentration	1
Calculated MW	20 kDa KDa

Human recombinant protein Cyclophilin A - Additional Info

Gene ID	5478
Gene Symbol	PPIA
Other Names	
Peptidylprolyl isomerase A, PPIA, CYPA, CYPH	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SGLVPRGSH MVNPTVFFDI AVDGEPLGRV SFELFADKVP KTAENFRALS TGEKGFGYKG SCFHRIIPGF MCQGGDFTRH NGTGGKSIYG EKFEDEFIL KHTGPGILSM ANAGPNTNGS QFFICTAKTE WLDGKHVVFG KVKEGMNIVE AMERFGSRNG KTSKKITIAD CGQLE

Format
Liquid**Storage**

-80°C; 1 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 20 mM NaCl, 0.5 mM DTT, 10% glycerol.

Human recombinant protein Cyclophilin A - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human recombinant protein Cyclophilin A - Images**Human recombinant protein Cyclophilin A - Background**

Cyclophilin A is a multifunctional protein that is upregulated in a variety of inflammatory conditions, such as rheumatoid arthritis, autoimmune disease, and cancer. It has been classified as an immunophilin and has a variety of intracellular functions, including intracellular signaling, protein trafficking, and the regulation of other proteins activity. Besides its intracellular functions, Cyclophilin A is a secreted molecule that has a physiological and pathological role in cardiovascular diseases, making it a potential biomarker and mediator in cardiovascular diseases, such as vascular stenosis, atherosclerosis, and abdominal aortic aneurysms.

Human recombinant protein Cyclophilin A - References

Haendler B.,et al.EMBO J. 6:947-950(1987).
Haendler B.,et al.Eur. J. Biochem. 190:477-482(1990).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Goshima N.,et al.Nat. Methods 5:1011-1017(2008).