

Human recombinant protein Cyclophilin G
Human Recombinant Cyclophilin G
Catalog # PBV10554r**Specification**

Human recombinant protein Cyclophilin G - Product info

Primary Accession	O13427
Concentration	1
Calculated MW	21.6 kDa KDa

Human recombinant protein Cyclophilin G - Additional Info

Gene ID	9360
Gene Symbol	PPIG

Other Names

Peptidyl-prolyl cis-trans isomerase G, PPIase G, Rotamase G, PPIG, peptidylprolyl isomerase G, Peptidyl-prolyl isomerase G, Rotamase G, Clk-associating RS-cyclophilin, CARS-cyclophilin, CARS-Cyp, SR-cyclophilin, SR-cyp, SRcyp, CASP10, CYP, MGC133241.

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGIKVQRPRC FFDIAINNQP AGRVVFELFS DVCPKTCENF RCLCTGEKGT GKSTQKPLHY KSCLFHRVVK DFMVQGGDFS EGNRGGESI YGGFFEDES AVKHNKEFLL SMANRGKDTN GSQFFITTKP TPHLDGHHVV FGQVISGQEV VREIENQKTD AASKPFAEVR ILSCG

Format

Liquid

Storage

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

Human recombinant protein Cyclophilin G - 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 G - Images

Human recombinant protein Cyclophilin G - Background

Peptidyl-prolyl cis-trans isomerase G (PPIG), also known as Cyclophilin G, is a member of peptidylprolyl cis-trans isomerase family (PPIases). This protein catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and is implicated in the folding, transport, and assembly of proteins. It is localized to the nuclear speckles, a nuclear compartment rich in splicing factors, and interacts with the splicing factors SC35 and pinin. Cyclophilin G also may play an important role in the regulation of pre-mRNA splicing.

Human recombinant protein Cyclophilin G - References

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Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Lin C.L.,et al.Biochem. Biophys. Res. Commun. 321:638-647(2004).