

Recombinant Human PPIG protein, GST-tagged

Cat. No. PPIG-1886H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPIG protein(1-355 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-355 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MGIKVQRPRCFFDIAINNQPAGRVVFELFSDVCPKTCENFRCLCTGEKGTGKSTQKP LHYKSCLFHRVVKDFMVQGGDFSEGNGRGGESIYGGFFEDESFAVKHNKEFLLSM ANRGKDTNGSQFFITTKPTPHLDGHHVFGQVISGQEVVREIENQKTDAAASKPFAEV RILSCGELIPKSKVKKEEKKRHKSSSSSSSSSDSDSSSDSQSSSDSSDSESAATEEK SKKRKKKHKRKNRKHKKKKRKKSKKSASSESEAEENLEAQPQSTVRPEEIPPIPEN RFLMRKSPPKADEKERKNRERERERECNPPNSQPASYQRRLLVTRSGRKIKGRGP RVGDSFPRDLHNIAFVF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name PPIG peptidylprolyl isomerase G (cyclophilin G) [Homo sapiens]

Official Symbol PPIG

Synonyms PPIG; peptidylprolyl isomerase G (cyclophilin G); peptidyl prolyl isomerase G (cyclophilin G); peptidyl-prolyl cis-trans isomerase G; CARS Cyp; SCAF10; SR related CTD associated factor 10; SRCyp; CASP10; SR-cyp; PPIase G; rotamase G; cyclophilin G; SR-cyclophilin; CARS-cyclophilin; Clk-associating RS-cyclophilin; SR-related CTD-associated factor 10; peptidyl-prolyl isomerase G (cyclophilin G); CYP; CARS-Cyp; MGC133241;

Gene ID 9360

mRNA Refseq NM_004792

Protein Refseq NP_004783

MIM 606093

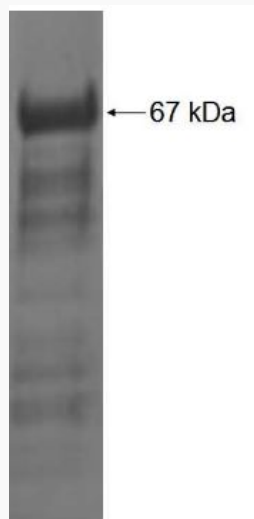
UniProt ID Q13427

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SDS-PAGE



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