

Recombinant Human PPP1R12A protein, His-tagged

Cat. No. PPP1R12A-132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1R12A protein(NP_001137357)(707-981 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	707-981 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	AEKTIGRSRSTRTREQENEEKEKEEKEKQDKEKQEEKKESETSREDEYKQKYSRTY DETYQRYRPVSTSSSTTPSSSLSTMSSSLYASSQLNRPNSLVGITSAYSRGITKENE REGEKREEEKEGEDKSQPKSIRERRRRPREKRRSTGVSWFTQDSDENEQEQQSDTE EGSNKKETQTDSISRYETSSTSAGDRYDSSLGRSGSYSYLEERKPYSSRLEKDDST DFKKLYEQILAENEKLKAQLHDTNMELTDLKLQLEKATQRQERFADRSLL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.
Concentration	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM

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NaH₂PO₄, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [PPP1R12A protein phosphatase 1, regulatory subunit 12A \[Homo sapiens \]](#)

Official Symbol [PPP1R12A](#)

Synonyms

PPP1R12A; protein phosphatase 1, regulatory subunit 12A; MYPT1, protein phosphatase 1, regulatory (inhibitor) subunit 12A; protein phosphatase 1 regulatory subunit 12A; M130; MBS; myosin binding subunit; myosin phosphatase targeting subunit 1; myosin phosphatase, target subunit 1; myosin phosphatase-targeting subunit 1; protein phosphatase myosin-binding subunit; protein phosphatase 1, regulatory (inhibitor) subunit 12A; MYPT1; MGC133042;

Gene ID [4659](#)

mRNA Refseq [NM_001143885](#)

Protein Refseq [NP_001137357](#)

MIM [602021](#)

UniProt ID [O14974](#)

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