

## Protein Phosphatase 1, Regulatory Subunit 8 Human Recombinant

<b>Item Number</b>	rAP-1553
<b>Synonyms</b>	Protein phosphatase 1 regulatory subunit 8, nuclear inhibitor of protein phosphatase-1 alpha, Protein phosphatase 1 regulatory inhibitor subunit 8, ARD1, NIPP1, PRO2047, ARD-1, activator of RNA decay, nuclear subunit of PP-1, RNase E.
<b>Description</b>	PPP1R8 Human Recombinant produced in E. coli is a single polypeptide chain containing 359 amino acids (1-351) and having a molecular mass of 39.5 kDa. PPP1R8 is fused to a 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q12972
<b>Amino Acid Sequence</b>	MAAAANS <del>G</del> SS LPLFDCPTWA GKPPPGLHLD VVKGD <del>K</del> LIEK LIIDE <del>K</del> KYYL FGRNPDL <del>C</del> DF TIDHQ <del>S</del> CSRV HAALVYHKHL KRVFLIDLNS THGTFLGHIR LEPHKPQQIP IDSTVSFGAS TRAYTLREKP QTLPSAVKGD EKMGGE <del>D</del> DEL KGLLGLPEEE TELDNLTEFN TAHNK <del>R</del> ISTL TIEEG <del>N</del> LDIQ RPKRKRKNSR VTFSE <del>D</del> DEII NPEDVDPSVG RFRNMVQTAV VPVKKRVEG PGSLGLEESG SRRMQNFAFS GGLYGGLPPT HSEAGSQPHG IHGTALIGGL PMPYPNLAPD VDLTPVVPSA VNMNPAP- NPA VYNPEAVNEP KKKKYAKEAW PGKKPTPSLL IVEHHHHHH
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The PPP1R8 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**