

Protein Phosphatase 1, Regulatory Subunit 2 Human Recombinant

Item Number	rAP-1558
Synonyms	PPP1R2, Protein phosphatase inhibitor 2, IPP-2, IPP2, Protein phosphatase 1, regulatory (inhibitor) subunit 2, Protein Phosphatase 1, Regulatory Subunit 2.
Description	PPP1R2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 189 amino acids (1-166 a.a) and having a molecular mass of 21kDa. PPP1R2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P41236
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMAASTAS HRPIKGILKN KTSTTSSMVA SAEQPRGNVD EELSKKSQKW DEMNILATYH PADKDYGLMK IDEPSTPYHS MMGDDDEDACS DTEATEAMAP DILARKLAAA EGLEPKYRIQ EQESSGEEDS DLSPEEREKK RQFEMKRKLH YNEGLNIKLA RQLISKDLH.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	PPP1R2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 30% glycerol, 0.15M NaCl and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**