
Product Data Sheet

Product Name: PPP1R2 Human
 Cat. No.: GP22144
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PPP1R2; Protein phosphatase inhibitor 2; IPP-2; IPP2; Protein phosphatase 1; regulatory (inhibitor) subunit 2; Protein Phosphatase 1; Regulatory Subunit 2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAASTAS HRPIKGILKN KTSTTSSMVA SAEQPRGNVD EELSKKSQKW DEMNILATYH PADKDYGLMK IDEPSTPYHS MMGDDEDACS DTEATEAMAP DILARKLAAA EGLEPKYRIQ EQESSGEEDS DLSPEEREKK RQFEMKRKLH YNEGLNIKLA RQLISKDLH.		
Formulation	PPP1R2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.		

Introduction

Protein Phosphatase 1, Regulatory Subunit 2 (PPP1R2) is an inhibitor of protein-phosphatase 1 which forms heterodimer with PP1. PPP1R2 is a part of the protein phosphatase inhibitor 2 family.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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