

Recombinant Human PPP1R3B, His-tagged

Cat. No. PPP1R3B-2330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PPP1R3B protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	308aa
Description	PPP1R3B is the catalytic subunit of the serine/threonine phosphatase, protein phosphatase-1. The protein is expressed in liver and skeletal muscle tissue and may be involved in regulating glycogen synthesis in these tissues. This gene may be involved in type 2 diabetes and maturity-onset diabetes of the young. Alternate splicing results in multiple transcript variants that encode the same protein.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Molecular Mass	35.1 kDa
AA Sequence	MGSSHHHHHH SGLVPRGSH GSMMAVDIE YRYNCMAPSL RQERFAFKIS PKPSKPLRPC IQLSSKNEAS GMVAPAVQEK KVKKRVSFAD NQGLALTMVK VFSEFDDPLD MPFNITELLD NIVSLTTAES ESFVLDFSQP SADYLDNRNR LQADHVCLEN CVLKDKAAG TVKVQNLA FE KTVKIRMTFD TWKSYTDFPC QYVKDITYAGS DRDTFSFDIS LPEKIQSYER MEFAVYYECN GQTYWDSNRG KNYRIIRAEL KSTQGMTPKH SGPD LGISFD QFGSPRCSYG LFPEWPSYLG

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	YEKLGPIYY
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml
GENE INFORMATION	
Gene Name	PPP1R3B protein phosphatase 1, regulatory subunit 3B [Homo sapiens]
Official Symbol	PPP1R3B
Synonyms	PPP1R3B; protein phosphatase 1, regulatory subunit 3B; protein phosphatase 1, regulatory (inhibitor) subunit 3B; protein phosphatase 1 regulatory subunit 3B; FLJ14005; GL; hepatic glycogen targeting subunit; G(L); PP1 subunit R4; PPP1R4; hepatic glycogen-targeting subunit, G(L); protein phosphatase 1 regulatory subunit 4; hepatic glycogen-targeting protein phosphatase 1 regulatory subunit GL; PTG; FLJ34675;
Gene ID	79660
mRNA Refseq	NM_001201329
Protein Refseq	NP_001188258
MIM	610541

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UniProt ID	Q86XI6
Chromosome Location	8p23.1
Pathway	Insulin signaling pathway, organism-specific biosystem; Insulin signaling pathway, conserved biosystem;

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