

Recombinant Human PPP1R3B Protein, His-tagged

Cat. No. PPP1R3B-2618H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1R3B Protein (Met1-Tyr285) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Tyr285
Description	This gene encodes the catalytic subunit of the serine/threonine phosphatase, protein phosphatase-1. The encoded protein is expressed in liver and skeletal muscle tissue and may be involved in regulating glycogen synthesis in these tissues. This gene may be a 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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.4 kDa Accurate Molecular Mass: 36 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	PPP1R3B protein phosphatase 1, regulatory subunit 3B [Homo sapiens (human)]
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

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MIM	610541
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UniProt ID	Q86XI6
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