

Recombinant Human PPP1R7 Protein, His&GST-tagged

Cat. No. PPP1R7-1972H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP1R7 Protein (Leu65-Phe360) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu65-Phe360
Description	This gene encodes a protein subunit that regulates the activity of the serine/threonine phosphatase, protein phosphatase-1. The encoded protein is required for completion of the mitotic cycle and for targeting protein phosphatase-1 to mitotic kinetochores. Alternate splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 64.4 kDa Accurate Molecular Mass: 64 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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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

PPP1R7 protein phosphatase 1, regulatory subunit 7 [Homo sapiens (human)]

Official Symbol

PPP1R7

Synonyms

PPP1R7; protein phosphatase 1, regulatory subunit 7; protein phosphatase 1, regulatory (inhibitor) subunit 7; protein phosphatase 1 regulatory subunit 7; sds22; protein phosphatase 1 regulatory subunit 22; protein phosphatase-1 regulatory subunit 7 beta1; protein phosphatase-1 regulatory subunit 7 beta2; protein phosphatase-1 regulatory subunit 7 alpha2; SDS22;

Gene ID

5510

mRNA Refseq

NM_002712

Protein Refseq

NP_002703

MIM

602877

UniProt ID

Q15435

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