

## Recombinant Human PPP1R10 Protein, His-tagged

**Cat. No.** PPP1R10-2615H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PPP1R10 Protein (Met1-Glu275) with a N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Glu275
<b>Description</b>	This gene encodes a protein phosphatase 1 binding protein. The encoded protein plays a role in many cellular processes including cell cycle progression, DNA repair and apoptosis by regulating the activity of protein phosphatase 1. This gene lies within the major histocompatibility complex class I region on chromosome 6, and alternatively spliced transcript variants have been observed for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 34.4 kDa Accurate Molecular Mass: 36 kDa
<b>Endotoxin</b>	<1.0 EU per 1g (determined by the LAL method).
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	PPP1R10 protein phosphatase 1, regulatory subunit 10 [ Homo sapiens (human) ]
<b>Official Symbol</b>	PPP1R10
<b>Synonyms</b>	PPP1R10; protein phosphatase 1, regulatory subunit 10; protein phosphatase 1, regulatory (inhibitor) subunit 10; serine/threonine-protein phosphatase 1 regulatory subunit 10; CAT53; FB19; HLA C associated transcript 53; p99; phosphatase 1 nuclear targeting subunit; PNUTS; HLA-C associated transcript 53; PP1-binding protein of 114 kDa; phosphatase nuclear targeting subunit; MHC class I region proline-rich protein CAT53; PP1R10;
<b>Gene ID</b>	5514
<b>mRNA Refseq</b>	NM_002714
<b>Protein Refseq</b>	NP_002705

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<b>MIM</b>	603771
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<b>UniProt ID</b>	Q96QC0
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