

Recombinant Human PPP1R10 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PPP1R10 Protein (Met1-Glu275) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu275
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.4 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.

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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	PPP1R10 protein phosphatase 1, regulatory subunit 10 [Homo sapiens (human)]
Official Symbol	PPP1R10
Synonyms	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;
Gene ID	5514
mRNA Refseq	NM_002714
Protein Refseq	NP_002705

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MIM	603771
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UniProt ID	Q96QC0
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