

Recombinant Human PPP1R7 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PPP1R7-184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPP1R7 MS Standard C13 and N15-labeled recombinant protein (NP_002703) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Sep 2013]
Molecular Mass	41.6 kDa
AA Sequence	MAAERGAGQQQSQEMMEVDRRVESEESGDEEGKKHSSGIVADLSEQSLKDGEER GEEDPEEEHELPVDMETINLDRDAEDVDLNHYRIGKIEGFEVLKKVKTLCRLQNLIKCI ENLEELQSLRELDLYDNQIKKIKENLEALTELEILDISFNLLRNIEGVDKLTRKKLFLVNN KISKIENLSNLHQLQMLELGSNRIRAIENIDTLTNLESLFLGKNKITKLQNLDAITNLTVL SMQSNRLTKIEGLQNLVNLRELYLSHNGIEVIEGLENNNKLTMLDIASNRIKKIENISHL TELQEFWMNDNLLESWSDLDELKGARSLETVYLERNPLQKDPQYRRKVMLALPSV RQIDATFVRFTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

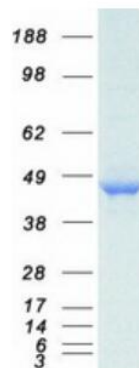
GENE INFORMATION

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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SDS-PAGE

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