

Recombinant Human PPP6R2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP6R2-1177H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SAPS2 MS Standard C13 and N15-labeled recombinant protein (NP_055493) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a regulatory protein for the protein phosphatase-6 catalytic subunit. Together, these proteins act as a significant T-loop phosphatase for Aurora A, an essential mitotic kinase. Loss of function of either the regulatory or catalytic subunit of protein phosphatase-6 interferes with spindle formation and chromosome alignment.
Molecular Mass	101.4 kDa
AA Sequence	MFWKFDLNTTSHVDKLLDKEHVTLQELMDEDDILQECKAQNQKLLDFLCRQQCMEE LVSLITQDPPLDMEEKVRFKYPNTACELLTCDVPQISDRLGGDESLLSLLYDFLDHEP PLNPLLASFFSKTIGNLIARKTEQVITFLKKKDKFISLVLKHIGTSALMDLLRLVSCVEP AGLRQDVLHWLNEEKVIQRLVELIHPSQDEDRQSNASQTLCDIVRLGRDQGSQQLQE ALEPDPLLTALSRQDCVEQLLKNMFDGDRTESCLVSGTQVLLTLETRRVGTEGLV DSFSQGLERSYAVSSSVLHGIEPRLKDFHQLLLNPPKKKAILTTIGVLEEPLGNARLH GARLMAALLHTNTPSINQELCRLNTMDLLLDLFFKYTWNNFLHFQVELCIAAILSHAA REERTEASGSESERVEPPHENGNSLETQPAAASLPDNTMVTHLFQKCCLVQRILEA

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WEANDHTQAAGGMRRGNMGHLTRIANAVVQNLERGPVQTHISEVIRGLPADCRGR
WESFVEETLTETNRRNTVDLAFSDYQIQQMTANFVDQFGFNDEEFADQDDNINAPF
DRIAEINFNIDADEDSPSAALFEACCSDRIPFDDDEDEDIWEDSDTRCAARVMARP
RFGAPHASESCSKNGPERGGQDGKASLEAHRDAPGAGAPPAPGKKEAPPVEGDS
EGAMWTAVFDEPANSTPTAPGVVRDVGSSVWAAGTSAPEEKGWAKFTDFQPFCC
SESGPRCSPVDTECSHAEGSRSQGPEKAFSPASPCAWNVCVTRKAPLLASDSSS
SGGSHSEDGDQKAASAMDAVSRGPGREAPPLPTVARTEEA VGRVGCADSRLSPA
CPAPKEVTAAPAVAVPPEATVAITTALSKAGPAIPTPAVSSALAVAVPLGPIMAVTAAP
AMVATLGTVTKDGKTDAPPEGAALNGPVTRTRPLEQKLISEEDLAANDILDYKDDDD
KV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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 PPP6R2 protein phosphatase 6 regulatory subunit 2 [Homo sapiens (human)]

Official Symbol PPP6R2

Synonyms PPP6R2; protein phosphatase 6, regulatory subunit 2; KIAA0685, SAPS domain family, member 2, SAPS2; serine/threonine-protein phosphatase 6 regulatory subunit 2; dJ579N16.1; SAP190; SAPS domain family, member 2; PP6R2; SAPS2;

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KIAA0685;

Gene ID [9701](#)

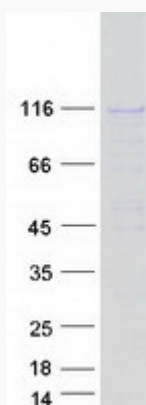
mRNA Refseq [NM_014678](#)

Protein Refseq [NP_055493](#)

MIM [610877](#)

UniProt ID [O75170](#)

SDS-PAGE



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