

Product datasheet for **TP307527M**

SAPS2 (PPP6R2) (NM_014678) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SAPS domain family, member 2 (SAPS2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207527 protein sequence Red =Cloning site Green =Tags(s)

MFWKFDLNTTSHVDKLLDKEHVTLQELMDEDDILQECKAQNQKLLDFLCRQQCMEELVSLITQDPPLD
ME
EKVRFKYPNTACELLTCDVPQISDRLGGDESLLSLLYDFLDHEPPLNPLLASFFSKTIGNLIARKTEQVI
TFLKKKDKFISLVLKHIGTSALMDLLLRLVSCVEPAGLRQDVLHWNNEEKVIQRLVELIHPSQDEDRQSN
ASQTLCDIVRLGRDQGSQLEALEPDPLLTALRESRQDCVEQLLKNMFDGDRTESCLVSGTQVLLTLETR
RVGTEGLVDSFQSGLERSYAVSSSVLHGIEPRLKDFHQLLLNNPPKKKAILTTIGVLEELGNARLHGARL
MAALLHTNTPSINQELCRLNTMDLLLDLFFKYTWNNFLHFQVELCIAAILSHAAREERTEASGSESRVEP
PHENGNRSLETPQPAASLPDNTMVTHLFQKCCLVQRILEAWEANDHTQAAGGMRRGNMGMHLTRIANA
VVQ
NLERGPVQTHISEVIRGLPADCRGRWESFVEETLTETNRRNTVDLAFSDYQIQQMTANFVDQFGFNDEEF
ADQDDNINAPFDRIAEINFNIDADEDSPSAALFEACCSDRIQPFDDDEDEDIWEDES DTRCAARVMARPRF
GAPHASESCSKNGPERGGQDGKASLEAHRDAPGAGAPPAGKKEAPPVEGDSEGAMWTAVFDEPANST
PT
APGVVRDVGSSVWAAGTSAPEEKGWAKFTDFQPFCCSESGPRCSPVDTECSHAEGSRSQGPEKAFSPAS
PCAWNVCVTRKAPLLASDSSSSGGSHSEGDQKAASAMDAVSRGPGREAPPLPTVARTEEAVGRVGCADS
RLLSPACPAPKEVTAAPAVAVPPEATVAITTALS KAGPAIPTPAVSSALAVAVPLGPIMAVTAAPAMVAT
LGTVTKDGKTDAPPEGAALNGPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

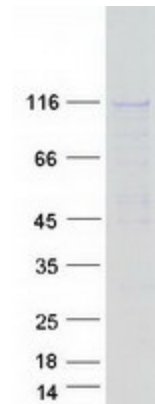
Tag:	C-Myc/DDK
Predicted MW:	101.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055493
Locus ID:	9701
UniProt ID:	O75170
RefSeq Size:	4023
Cytogenetics:	22q13.33
RefSeq ORF:	2799
Synonyms:	KIAA0685; PP6R2; SAP190; SAPS2
Summary:	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. [provided by RefSeq, May 2017]

Product images:



Coomassie blue staining of purified PPP6R2 protein (Cat# [TP307527]). The protein was produced from HEK293T cells transfected with PPP6R2 cDNA clone (Cat# [RC207527]) using MegaTran 2.0 (Cat# [TT210002]).