

Product datasheet for PH307527

SAPS2 (PPP6R2) (NM_014678) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SAPS2 MS Standard C13 and N15-labeled recombinant protein (NP_055493)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207527
Predicted MW:	101.4 kDa
Protein Sequence:	>RC207527 protein sequence Red =Cloning site Green =Tags(s)

MFWKFDLNTTSHVDKLLDKEHVTLQELMDEDDILQECKAQNQKLLDFLCRQQCMEELVSLITQDPPLDME
 EKVRFKYPNTACELLTCVDPQISDRLGGDESLLSLLYDFLDHEPPLNPLLASFFSKTIGNLIARKTEQVI
 TFLKKKDKFISLVLKHIGTSALMDLLRLVSCVEPAGLRQDVLHWNEEKVIQRLVELIHPSQDEDRQSN
 ASQTLCDIVRLGRDQGSQLEALEPDPLLTALSRQDCVEQLLKNMFDGDRTECLVSGTQVLLTLETR
 RVGTEGLVDSFSQGLERSYAVSSSVLHGIEPRLKDFHQLLLNPPKKKAILTTIGVLEELGNARLHGARL
 MAALLHTNTPSINQELCRLNTMDLLDLFFKYTWNNFLHFQVELCIAAILSHAAREERTEASGSESRVEP
 PHENGNSLETTPQPAASLPDNTMVTHLFQKCCLVQRILEAWEANDHTQAAGGMRRGNMGHLTRIANAVVQ
 NLERGPVQTHISEVIRGLPADCRGRWESFVEETLTETNRRNTVDLAFSDYQIQQMTANFVDQFGFNDEEF
 ADQDDNINAPFDRIAEINFNIDADEDSPSAALFEACCSDRIQPFDDDEDEDIWEDSDTRCAARVMARPRF
 GAPHADESCSKNGPERGGQDGKASLEAHRDAPGAGAPPAGKKEAPPVEGDSEGAMWTAVFDEPANSTPT
 APGVVRDVGSSVWAAGTSAPEEKGWAKFTDFQPFCCSESGPRCSPVDTECSHAEGSRSQGPEKAFSPAS
 PCAWNVCVTRKAPLLASDSSSSGGSHSEDGDQKAASAMDAVSRGPGREAPPLPTVARTEEAVGRVGCADS
 RLLSPACPAPKEVTAAPAVAVPPEATVAITTAISKAGPAIPTPAVSSALAVAVPLGPIMAVTAAPAMVAT
 LGTVTKDGKTDAPPEGAALNGPV

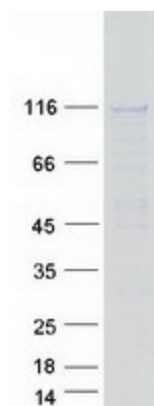
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.


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RefSeq:	NP_055493
RefSeq Size:	4023
RefSeq ORF:	2799
Synonyms:	KIAA0685; PP6R2; SAP190; SAPS2
Locus ID:	9701
UniProt ID:	O75170
Cytogenetics:	22q13.33
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]).