Recombinant Human PPP6R1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP6R1-3278H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SAPS1 MS Standard C13 and N15-labeled recombinant protein (NP_055746) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Protein phosphatase regulatory subunits, such as SAPS1, modulate the activity of protein phosphatase catalytic subunits by restricting substrate specificity, recruiting substrates, and determining the intracellular localization of the holoenzyme. SAPS1 is a regulatory subunit for the protein phosphatase-6 catalytic subunit.
Molecular Mass	96.7 kDa
AA Sequence	MFWKFDLHTSSHLDTLLEREDLSLPELLDEEDVLQECKVVNRKLLDFLLQPPHLQAM VAWVTQEPPDSGEERLRYKYPSVACEILTSDVPQINDALGADESLLNRLYGFLQSTG SLNPLLASFFSKVMGILINRKTDQLVSFLRKKDDFVDLLLQHIGTSAIMDLLLRLLTCVE RPQLRQDVVNWLNEEKIVQRLIEQIHPSKDENQHSNASQSLCDIIRLSREQMIQVQD SPEPDQLLATLEKQETIEQLLSNMFEGEQSQSVIVSGIQVLLTLLEPRRPRSESVTVN SFFSSVDGQLELLAQGALESTVSSVGALHALRPRLSCFHQLLLEPPKLEPLQMTWG MLAPPLGNTRLHVVKLLASALSANDAALTHELLALDVPNTMLDLFFHYVFNNFLHAQ VEGCVSTMLSLGPPPDSSPETPIQNPVVKHLLQQCRLVERILTSWEENDRVQCAGG PRKGYMGHLTRVAGALVQNTEKGPNAEQLRQLLKELPSEQQEQWEAFVSGPLAET

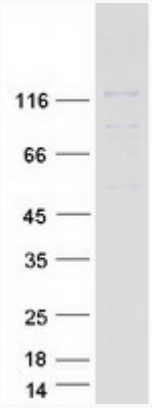
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45-1 Ramsey Road, Shirley, NY 11967, USA

	NKKNMVDLVNTHHLHSSSDDEDDRLKEFNFPEEAVLQQAFMDFQMQRMTSAFIDH FGFNDEEFGEQEESVNAPFDKTANITFSLNADDENPNANLLEICYKDRIQQFDDDEE EEDEEEAQGSGESDGEDGAWQGSQLARGARLGQPPGVRSGGSTDSEDEEEEDE EEEEDEEGIGCAARGGATPLSYPSPGPQPPGPSWTATFDPVPTDAPTSPRVSGEEE LHTGPPAPQGPLSVPQGLPTQSLASPPARDALQLRSQDPTPPSAPQEATEGSKVTE PSAPCQALVSIGDLQATFHGIRSAPSSSDSATRDPSTSVPASGAHQPPQTTEGEKSP EPLGLPQSQSAQALTPPPIPNGSAPEGPASPGSQTRTRPLEQKLISEEDLAANDILDY KDDDDKV
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	PPP6R1 protein phosphatase 6 regulatory subunit 1 [Homo sapiens (human)]
Official Symbol	PPP6R1
Synonyms	PPP6R1; protein phosphatase 6, regulatory subunit 1; KIAA1115, SAPS domain family, member 1, SAPS1; serine/threonine-protein phosphatase 6 regulatory subunit 1; SAP190; SAPS domain family, member 1; PP6R1; SAPS1; KIAA1115; MGC138185; MGC142003;

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Gene ID	22870
mRNA Refseq	NM_014931
Protein Refseq	NP_055746
MIM	610875
UniProt ID	Q9UPN7
SDS-PAGE	

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