

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
 VAWVTQEPPDSGEERLRYKYPSVACEILTSVDPQINDALGADESLLNRLYGFLQSTG
 SLNPLLASFFSKVMGILINRKTQQLVSLRKKDDFVDFLLQHIGTSAIMDLLLRLLTCVE
 RPQLRQDVVNWLNEEKIVQRLIEQIHPKSDENQHSNASQSLCDIIRLSREQMIQVQD
 SPEPDQLLATLEKQETIEQLLSNMFEGEQSQSVIVSGIQVLLTLEPRRPRSESVTVN
 SFFSSVDGQLELLAQGALESTVSSVGALHALRPRLSCFHQLLLEPPKLEPLQMTWG
 MLAPPLGNTRLHVVKLLASALSANDAALTHELLALDVPNTMLDLFFHYVFNNFLHAQ
 VEGCVSTMSLSLGPDPSSPETPIQNPVVKHLLQQCRLVERILTSWEENDRVQCAGG
 PRKGYMGHLTRVAGALVQNTTEKGPNAEQLRQLLKELPSEQQEWEAFVSGPLAET

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NKKNMVDLVNTHHLHSSSDDEDRLKEFNFPPEEAVLQQAFMDFQMQRMTSAFIDH
 FGFNDEEFGEQEESVNPAPFDKTANITFSLNADDENPNANLLEICYKDRIQQFDDDEE
 EEEEEAAQSGESDGEDGAWQGSQQLARGARLGQPPGVRSGGSTDSEDEEEDEE
 EEEEEDEEGICAARGGATPLSYSPGPQPPGPSWTATFDPVPTDAPTSRVS GEEE
 LHTGPPAPQGPLSVPQGLPTQSLASPPARDALQLRSQDPTPPSAPQEATEGSKVTE
 PSAPCQALVSIGDLQATFHGIRSAPSSSDSATRDPSTSVPASGAHQPPQTTEGEKSP
 EPLGLPQSQSAQALTPPIPNNGSAPEGPASPGSQTRTRPLEQKLISEEDLAANDILDY
 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

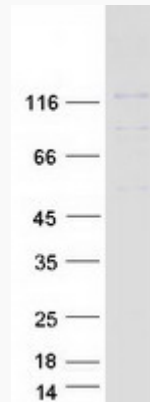
mRNA Refseq NM_014931

Protein Refseq NP_055746

MIM 610875

UniProt ID Q9UPN7

SDS-PAGE



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