

Recombinant Human PPP1R13B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP1R13B-4591H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPP1R13B MS Standard C13 and N15-labeled recombinant protein (NP_056131) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the ASPP (apoptosis-stimulating protein of p53) family of p53 interacting proteins. The protein contains four ankyrin repeats and an SH3 domain involved in protein-protein interactions. ASPP proteins are required for the induction of apoptosis by p53-family proteins. They promote DNA binding and transactivation of p53-family proteins on the promoters of proapoptotic genes. Expression of this gene is regulated by the E2F transcription factor.
Molecular Mass	119.4 kDa
AA Sequence	MMPMILTVFLSNNEQILTEVPITPETTCRDVVEFCKEPGEGSCHLAEVWRGNERPIP FDHMMYEHLQKWGPRREEVKFFLRHEDSPTENSEQGGRQTQEQRTRQNVINVPG EKRTENGVGNNPRVELTLSELQDMAARQQQIENQQQMLVAKEQRLHFLKQQERRQ QQSISENEKLQKLKERVEAQENLKKIRAMRGQVDYSKIMNGNLSAEIERFSAMFQE KKQEVQTAILRVDQLSQQLEDLKKGKLNGFQSYNGKLTGPAAVELKRLYQELQIRNQ LNQEQNSKLQQKELLNKRNMVAMMDKRISLRLRERLYGKKIQLNRVNGTSSPQSP LSTSGRVAAVGPYIQVPSAGSFPVLGDPIKPQSLSIASNAAHGRSKSANDGNWPTLK

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QNSSSSVKPVQVAGADWKDPSVEGSVKQGTVSSQPVPFSA LGPTEKPGIEIGKVPP
 PIPGVGKQLPPSYGTYPSTPLGPGSTSSLERRKEGSLPRPSAGLPSRQRPTLLPAT
 GSTPQPGSSQQIQQRISVPPSPTYPPAGPPAFAPAGDSKPELPLTVAIRPFLADKGSR
 PQSPRKGPQTVNSSSIYSMYLQQATPPKNYQPAAHSA LNKS VKAVYGKPVLP SGST
 SPSPLPFLHGSLSTGTPQPQPPSESTEKEPEQDGPAAPADGSTVESLPRPLSPTKLT
 PIVHSPLRYQSDADLEALRRKLANAPRPLKKRSSITEPEGPGGPNIQKLLYQRFNTLA
 GGMEGTPFYQPSPSQDFMGTADVDNGNTNANGNLEELPPAQPTAPLPAEPAPSS
 DANDNELPSPEPEELICPQTTHQTAEP AEDNNNNVATVPTTEQIPSPVAEAPSPGEE
 QVPPAPLPPASHPPATSTNKRTNLKKPNSERTGHGLRVRFNPLALLLDASLEGEFDL
 VQRIIYEVEDPSKPNDEGITPLHNAVCA GHHHIVKFLLD FGVNVNAADSDGWTPLHC
 AASCNSVHLCKQLVESGA AIFASTISDIETAADKCEEMEEGYIQCSQFLYGVQEKLGV
 MNKGVAYALWDYEAQNSDELSFHEGDALTILRRKDESETEWWARLGDREGYVP
 KNLLGLYPRIKPRQRTLASGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

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 PPP1R13B protein phosphatase 1 regulatory subunit 13B [Homo sapiens (human)]

Official Symbol PPP1R13B

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Synonyms	PPP1R13B; protein phosphatase 1, regulatory subunit 13B; protein phosphatase 1, regulatory (inhibitor) subunit 13B; apoptosis-stimulating of p53 protein 1; ASPP1; KIAA0771; p53BP2 like; p85; apoptosis-stimulating protein of p53, 1; protein phosphatase 1 regulatory subunit 13B; p53BP2-like;
Gene ID	23368
mRNA Refseq	NM_015316
Protein Refseq	NP_056131
MIM	606455
UniProt ID	Q96KQ4
SDS-PAGE	