

Product datasheet for TP321172

ASPP1 (PPP1R13B) (NM_015316) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein phosphatase 1, regulatory (inhibitor) subunit 13B (PPP1R13B), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221172 representing NM_015316 Red=Cloning site Green=Tags(s)

MMPMILTVFLSNNEQILTEVPITPETTCRDVVEFCKEPGECSCHLAEVWRGNRPIPFDHMMYEHLQKWG
 PRREEVKFFLRHEDSPTENSEQGGRTQEQRTRQNVINVPGEKRTENGVGNPRVELTSELQDMAARQQQ
 QIENQQMLVAKEQRLHFLKQQRQQSISENEKLQKLERVEAQENLKKIRAMRGQVDYSKIMNGNL
 SAEIERFSAMFQEKQEVQTAILRVDQLSQQLEDLKKGKLNQFQSYNGKLTGPAAVELKRLYQELQIRNQ
 LNQEQNSKLQQKELLNKRNMEVAMMDKRISLRERLYGKKIQLNRVNGTSSPQSPLSTSGRVAAVGPYI
 QVPSAGSFPVLDPIKQSLSIASNAAHGRSXSANDGNWPTLQNSSSSVKPVQVAGADWKDPSVEGSVK
 QGTVSSQVPVFSALGPTKPGIEIGKVPPIPGVKGQLPPSYGTYPSPTPLGPGSTSSLERRKEGSLPRP
 SAGLPSRQRPTLLPATGSTPQPGSSQIQQRISVPPSPTYPPAGPPAFPAGDSKPELPLTVAIRPFLADK
 GSRPQSPRKGPTVNSSIYSMYLQQATPPKNYQPAAHSAALNKSVAVYKPVLPSTSPSPLPFLHGS
 LSTGTPQPQPPSESTEKEPEQDGAAPADGSTVESLPRPLSPTKLTPIVHSPLRYQSDADLEALRRKLAN
 APRPLKKRSSITEPEGPGGPNIQKLLYQRFNTLAGGMEGTPFYQSPSPQDFMGLADVDNNGNTNANGNLE
 ELPPAQPTAPLPAEPAPSSDANDNELPSPEPEELICPQTHQTAEPaedNNNNVATVPTTEQIPSPVAEA
 PSPGEEQVPPAPLPPASHPPATSTNKRTNLKKPNSERTGHGLRVRFNPLALLLDASLEGFDLVQRIIYE
 VEDPSKPNDEGITPLHNAVCAAGHHHIVKFLDFGVNVNAADSDGWTPLHCAASCNSVHLCKQLVESGAAI
 FASTISDIETAADKCEEMEEGYIQCSQFLYGVQEKLGVMNKGVAALWDYEAQNSDELSFHGDALTILR
 RKDESETEWWWARLGDREGYVPKNLLGLYPRIKPRQRTLA

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

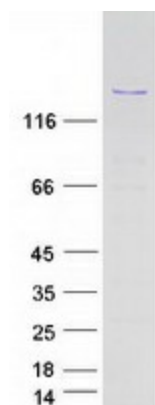
Tag:	C-Myc/DDK
Predicted MW:	119.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_056131
Locus ID:	23368
UniProt ID:	Q96KQ4
RefSeq Size:	4834
Cytogenetics:	14q32.33
RefSeq ORF:	3270
Synonyms:	ASPP1; p53BP2-like; p85
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified PPP1R13B protein (Cat# TP321172). The protein was produced from HEK293T cells transfected with PPP1R13B cDNA clone (Cat# [RC221172]) using MegaTran 2.0 (Cat# [TT210002]).