RPP38 cDNA Clone – Ribonuclease P Protein Subunit P38

PRODUCT OVERVIEW

Product Name	RPP38, cDNA Clone
Full Product Name	RPP38
Product Gene Name	RPP38 cdna clone
Sequence	Nucleotide Sequence: ATGGCTGCAG CTCCTCAAGC ACCGGGGCGG GGATCTCTCC GTAAGACGAG ACCTCTGGTT GTGAAGACGT CGTTGAACAA CCCATACATC ATCCGCTGGA GCGCTCTGGA GAGCGAGGAT ATGCACTTCA TCCTACAGAC GCTTGAGGAC AGGCTTAAAG CTATTGGACT TCAGAAGATT GAAGATAAGA AGAAAAAGAA CAAAACACCT TTTCTGAAAA AAGAAAGCAG AGAGAAATGC AGCATTGCTG TTGATATTAG TGAGAATCTG AAGGAGAAGA AAACAGATGC TAAGCAGCAA GTGTCAGGGT GGACGCCTGC ACACGTCAGG AAGCAGCTTG CCATTGGCGT TAACGAAGTT ACCAGAGCCC TGGAAAGGAG GGAACTGCTG TTAGTTCTGG TGTGTAAATC AGTCAAGCCT GCCATGATCA CCTCACACTT GATTCAGTTA AGCCTAAGCA GAAGTGTCCC TGCCTGTCAG GTCCCCCGGC TCAGTGAGAG AATCGCCCCC GTCATTGGCT TAAAATGTGT TCTAGCCTTG GCGTTCAAAA AGAACACCAC TGACTTTGTG GACGAAGTAA GAGCCATCAT CCCCAGAGTC CCCAGTTTAA GTGTACCATG GCTTCAAGAC AGAATTGAAG ATTCTGGGGA AAATTTAGAG ACTGAACCTC TGGAAAGCCA AGACAGAGAG CTTTTGGACA CTTCATTTGA AGATCTGTCA AAACCTAAGA GAAAGCTTGC TGACGGTCGG CAGGCTTCTG TAACATTACA ACCCCTTAAA ATAAAGAAAC TGATTCCAAA CCCTAATAAG ATAAGGAAAC CACCCAAAAG TAAAAAAGCT ACTCCAAAGT AA Translatio n Sequence: MAAAPQAPGR GSLRKTRPLV VKTSLNNPYI IRWSALESED MHFILQTLED RLKAIGLQKI EDKKKKNKTP FLKKESREKC SIAVDISENL KEKKTDAKQQ VSGWTPAHVR KQLAIGVNEV TRALERRELL LVLVCKSVKP AMITSHLIQL SLSRSVPACQ VPRLSERIAP VIGLKCVLAL AFKKNTTDFV DEVRAIIPRV PSLSVPWLQD RIEDSGENLE TEPLESQDRE LLDTSFEDLS KPKRKLADGR QASVTLQPLK IKKLIPNPNK IRKPPKSKKA TPK
Form/Format	Lyophilized
Preparation and Storage	Store the plasmid at -20 degree C.
OMIM	606116
3D Structure	ModBase 3D Structure for P78345
Species	Human
Chromosome Location	10p13
OMIM Reference Number	606116
cDNA Size	852bp
Vector Description	This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.
Vector	(puc19-derived cloning vector)
Preparation Before Usage	1. Centrifuge at 7000rpm for 1 minute. 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.
Product Categories/Family for RPP38 cdna clone	Epigenetics and Nuclear Signaling
Related Product Information for RPP38 cdna clone	MBS200817 is a cDNA clone targeting RPP38.

Other Notes	Small volumes of RPP38 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPP38. It may not necessarily be applicable to this product.

NCBI GI #	148238078
NCBI GeneID	10557
NCBI Accession #	NP_006405.2
UniProt Primary Accession #	P78345
UniProt Related Accession #	P78345
GenBank Nucleotide #	NM_006414.4
NCBI Official Full Name	ribonuclease P protein subunit p38
NCBI Official Synonym Full Names	ribonuclease P/MRP subunit p38
NCBI Official Symbol	RPP38
UniProt Protein Name	Ribonuclease P protein subunit p38
Protein Family	Ribonuclease P protein
UniProt Gene Name	RPP38
UniProt Synonym Gene Names	RNaseP protein p38
UniProt Entry Name	RPP38_HUMAN
NCBI Protein Information	ribonuclease P protein subunit p38
Research Articles on RPP38	**1.** A pull-down assay further suggested the presence of a second K-turn in SL12. Based on the present results, together with available data, we discuss a structural basis for recognition of K-turn motifs in PhopRNA by PhoRpp38.
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