

Product datasheet for RC212114

RPL12 (NM_000976) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RPL12 (NM_000976) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RPL12
Synonyms: L12
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC212114 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGCCGAAGTTCGACCCCAACGAGATCAAAGTCGTACCTGAGGTGCACCGGAGGTGAAGTCGGTG
 CCATTCTGCCCTGGCCCCAAGATCGGCCCTGGGTCTGTCTCAAAAAAAGTTGGTATGACATTGC
 CAAGGCAACGGGTGACTGGAAGGCCTGAGGATTACAGTAAACTGACCATTGAGAACAGACAGGCCAG
 ATTGAGGTGGTGCCTTCTGCCTCTGCCCTGATCATTAAAGCCCTCAAGGAACCAAGAGACAGAAAGA
 AACAGAAAAACATTAAACACAGTGGGAATATCACTTTTGTGAGATTGTCAACATTGCTCGACAGATGCG
 GCACCGATCCTTAGCCAGAGAACTCTCTGGAACCATTAAGAGATCCTGGGGACTGCCAGTCAGTGGGC
 TGTAAATGTTGATGGCCGCATCCTCATGACATCATCGATGACATCAACAGTGGTGTGTGGAATGCCAG
 CAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC212114 protein sequence
 Red=Cloning site Green=Tags(s)

MPPKFDPNKIKVYVLRCTGGEVGSALAPKIGPLGLSPKKVGGDDIAKATGDWKGLRITVKLTIQNRQAQ
 IEVVPASALIIKALKEPPDRKKQKNIKHSGNITFDEIVNIARQMRHRSARELSGTIKEILGTAQSVG
 CNVDGRHPHDIIDDINSGAVECPAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6453_f04.zip



Cytogenetics: 9q33.3

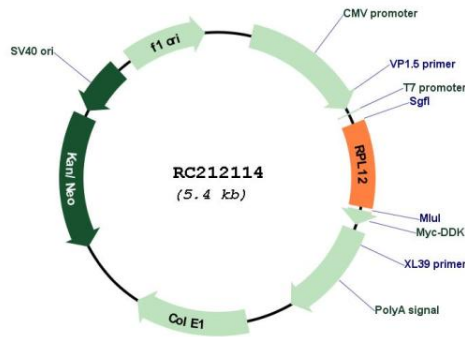
Domains: Ribosomal_L11

Protein Pathways: Ribosome

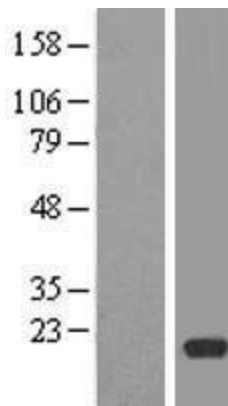
MW: 17.8 kDa

Gene Summary: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L11P family of ribosomal proteins. It is located in the cytoplasm. The protein binds directly to the 26S rRNA. This gene is co-transcribed with the U65 snoRNA, which is located in its fourth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]

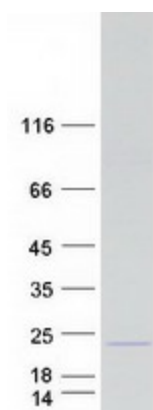
Product images:



Circular map for RC212114



Western blot validation of overexpression lysate (Cat# [LY424422]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC212114 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified RPL12 protein (Cat# [TP312114]). The protein was produced from HEK293T cells transfected with RPL12 cDNA clone (Cat# RC212114) using MegaTran 2.0 (Cat# [TT210002]).