

Product datasheet for **SC210528**

MRPS35 (NM_021821) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	MRPS35
Synonyms:	HDCMDIIP; MDS023; MRP-S28; MRPS28
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_021821
Insert Size:	875 bp

Insert Sequence: >SC210528 3'UTR clone of NM_021821
The sequence shown below is from the reference sequence of NM_021821. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TCCGTGAAGAGACTATTAATGTGACATGAATTATGGAGTAGAAAAATCTGCTTGATTATTAATTTTA
TGATATATGTGATCAGTATCTAATTTGATATAAAATTGAAATGTTAAAAATCATTTTTTTTCTCAG
AGTAAAAATATTTCCCTCATACTAATGCTTAATGGCAATGATTACTCCAGAGTTTTTAATTTTACA
CTGGGGCAATAGACTAGGAGGTCTCTGATTTCTTCTTGGTCTAAAGTGTTTTGATTTTATTCTACATA
ATAGCTTTGGTATTCATGTATATACATGCATTTAATTGTGATTTTATCACCTTTCCCATTTCTTTCCC
ACAAGCTGGCATTTCAGTAGTTGCTTTTGAATAATGGTTTTGGTTACCTGGGAAGGCAGGCCAGAAC
CATTTCTTGACTTGCACTTCCGGCTGTGTTACATGACTGCTGTCTAGCTGATGCATTTTTCACATT
TGTCAACTCTGGTTAGAAACAGGTCTCAGGAGTATTCTAACCTGATATTTTCTAAAAAGATATGTT
GATTCAACTTTGTTTAGCATCTACTTTTAGATTGTGGGGCTCATTTTGCCAGGGCCAAGTACCAGA
AAAGTAGAAGTGGAGATTACCTGGTATGTATCTCTCTGGGTGCCCCAGTTAGAGCTGCCACAGCTCAGG
AAAAAGATGAGGCATAACGACCTTGAATGTAATTGGAGTAAGTGACAAAATAAGAACTACCCTGGGAAA
CCCTGCATTCAATGTAGCTGTCAATTCAGTATTTTAAAGTACACCTGTGAGCTGTTTCTTACCACTTCG
ATGGTTGTGATTAATTTAAATCAAAATAAAGGAATTACTGAGTTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_021821.4</u>
Summary:	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that has had confusing nomenclature in the literature. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Pseudogenes corresponding to this gene are found on chromosomes 3p, 5q, and 10q. [provided by RefSeq, Jul 2010]
Locus ID:	60488
MW:	34.6