

Specifications:

Gene:	<i>h</i> LRP10
Accession:	NP_054764
Insert size:	2155bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

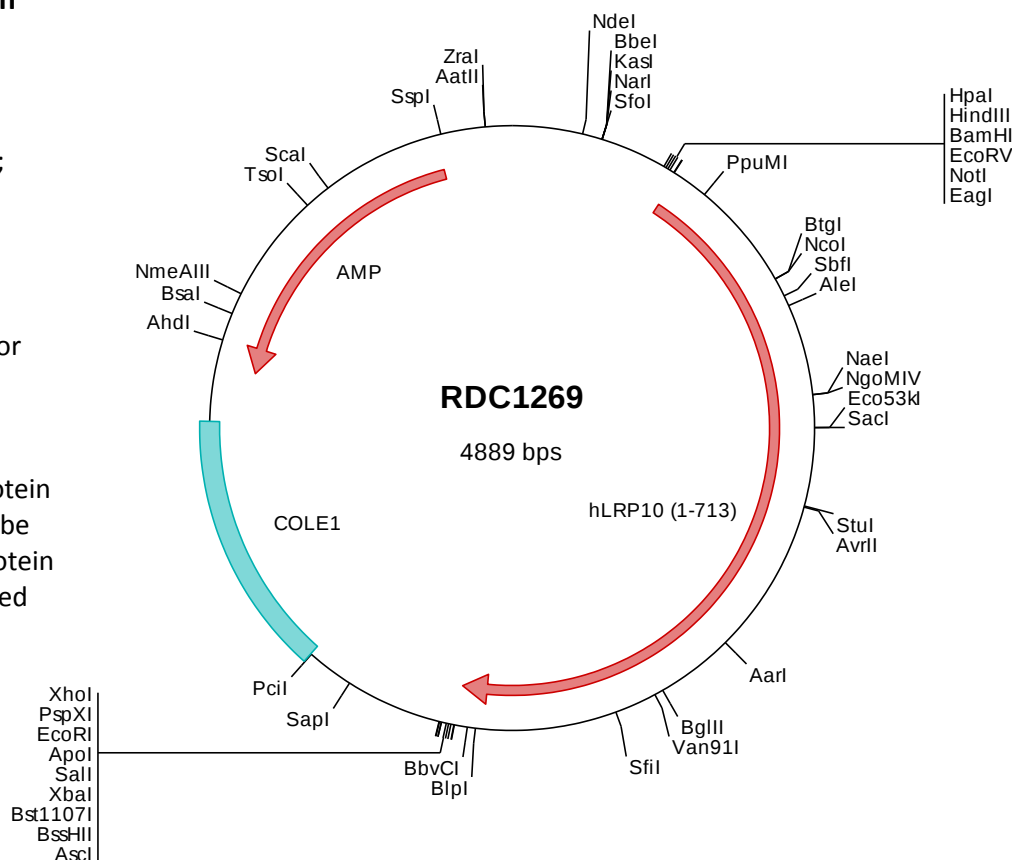
*h*LRP-10 cDNA Plasmid

LRP10 low density lipoprotein receptor-related protein 10
[*Homo sapiens* (human)]

Also known as: LRP9; MST087; MSTP087

Summary:

LRP10 is a member of the low density lipoprotein (LDL) receptor gene family. LDL receptors are transmembrane cell surface proteins involved in receptor-mediated endocytosis of lipoprotein and protein ligands. LRP10 may be involved in the uptake of lipoprotein APOE in liver. Alternatively spliced transcripts encoding different proteins have been described.





> RDC1269 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtctg caaggcgatt aagtgggta acgcagggtt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaatccgata tcgctagcgc ggccgcacac atgctgttgg ccaccctcct cctcctcctc cttggaggcg cctcggccca
501  tccagacogg attatttttc caaatcatgc ttgtgaggac cccccagcag tgctcttaga agtgcaaggc accttacaga ggccctgggt ccgggacagc
601  cgcacctccc ctgccaactg cacctggctc atcctgggca gcaaggaaca gaetgtcacc atcaggttcc agaagctaca cctggcctgt ggcctcagagc
701  gcttaaacct acgtccctcc ctccagccac tgatctcctc gtgtgaggca cctcccagcc ctctgcagct gcccgggggc aacgtcacca tcaactacag
801  ctatgtgtgg gccagagcac ccatgggcca gggcttctcg ctctcctaca gccaaagatt gctgatgtgc ctgcaggaag agtttcagt cctgaaccac
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> RDC1269 Translated Insert Sequence

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201  gvfsppgyth lasvshpqc hwwldphdgr rlavrfald lgfgdavyhy dpgpppessr llrslthfsn gkavtvetsl gqavvsyhtv awsnrgfina
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501  aggaippved fptenpdns vlgnrlslq ilrqdmtpgg gpgarrqrq rlmrrlvrrl rrwgllprtn tparasears qvtpsaaple aldgtgtpar
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