

Product datasheet for **SC114719**

LEPROTL1 (NM_015344) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	LEPROTL1
Synonyms:	HSPC112; my047; Vps55
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015344, the custom clone sequence may differ by one or more nucleotides

ATGGCAGGCATCAAAGCTTTGATTAGTTTGTCTTTGGAGGAGCAATCGGACTGATGTTTTGATGCTTG
GATGTGCCCTTCCAATATACAACAAATACTGGCCCTCTTTGTTCTATTTTTTACATCCTTTCACCTAT
TCCATACTGCATAGCAAGAAGATTAGTGGATGATACAGATGCTATGAGTAACGCTTGTAAGGAACCTGCC
ATCTTTCTTACAACGGGCATTGTCGTGTCAGCTTTTGGACTCCCTATTGTATTGCCAGAGCACATCTGA
TTGAGTGGGGAGCTTGTGCACTTGTCTCACAGGAAACACAGTCATCTTTGCACTATACTAGGCTTTTT
CTTGGTCTTTGGAAGCAATGACGACTTCAGCTGGCAGCAGTGGTGA



5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_015344 unedited
 GTTCAGATATATGTATACGACTTACTATAGGNNCGGCCGCAATTCGGCACGAGGGTC
 TCCCGGCTGCCGCTGCTGCCGCCGCCCTCGGGTCGTGGAGCCAGGAGCGACGTCACCG
 CCATGGCAGGCATCAAAGCTTTGATTAGTTTGTCTTTGGAGGAGCAATCGGACTGATGT
 TTTTGATGCTTGGATGTGCCCTTCCAATATACAACAACTACTGGCCCTCTTTGTTCTAT
 TTTTTACATCCTTTCACCTATTCCATACTGCATAGCAAGAAGATTAGTGGATGATACAG
 ATGCTATGAGTAACGCTTGTAAAGAACTTGCCATCTTCTTACAACGGCATTGTCGTGT
 CAGCTTTTGGACTCCCTATTGTATTGCCAGAGCACATCTGATTGAGTGGGAGCTTGTG
 CACTTGTCTCACAGGAAACACAGTCATCTTGAACATACTAGGCTTTTCTTGGTCT
 TTGGAAGCAATGACGACTTCAGCTGGCAGCAGTGGTAAAAAGAAATTAAGAACTATTGT
 CAAATGGACTTCCTGTCACTTTGTTGGCCATTACGCACACAGGAGATGGGCGAGTTAATG
 CTGAATGGTATAGCAAGCCTCTGGGGTATTTTAGGTGCTCCCTCTCACTTTTATTGT
 AAGCATACTATTTTACAGAGACTTGTGAAGGATTAAGGATTTTCTCTTTGAAAAA
 GCTTGACTGATTTACACTTATCTATAGTATGCTTTTGGTGGTGTCTGCTGAATTTAA
 ATATTATGTGTTTTCTGGTTAGTTGATTTTTTTGGAATCAATATGCAATGGTAAACA
 CTCTTTTATGTAAATCATTGCTTGGTTAAGGAATTCAGAAATTCGCCGGCTCTATTAC
 TGGTCAAGTACATCTTTCTCTTAAC

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_015344 unedited
 CGGCCGCAATCTATAGTCGACTTTTTTTTTTTTTTTTTTGTATTTAAATCTTTATTGT
 TTCATCATCAAAAGTTTTCTTTCCATAAAAGAATGGTAATGTTGTATCAGTGCATATTCT
 ATGGAAAAATCATATCTCAAGTAACTAGCCTAGAAATCAGAGACAGCACTATGTCAAGCT
 AGTATACAAGGTCAAAGACACAATGCTGCCAATGCAATTAGTATAGAAATAATACGCA
 GCTGTTAAAAAAGTCTGTGGCCAAGTGGATAAAACAGTAGCAGTGCCTGACTGACAT
 CCAGAACAGAAAAATAGGGAAGGACCAGAGAATGCACTTCTGCAAAAAAAGTCCAGTA
 GATCACAAGCACAAGAGTTCCCAACTGTCTCACCAGCTCTCTAACTCATGTGTACCTGC
 ACCTTCTCTTGAAATCTGAACATTATAATACCACAAGCCACTTTCAGCCTCCAGTGGGA
 AGGCTCCAGCCACACGCCGATATTCGTCCTGCTTCCGTCATCTCATATCTAAAGTCA
 TGGCTTAAGTTAGGCAATAAAACCTGTGGCTTTAGGCATCTTTAGTAAAAAAGCTGAACA
 AATCCCAAATTTATCCATTTTCTTGAGAAATAAACTTCATAAAACAACAGACAGCTGT
 CATGATTANCTGAGTTTTGGCTGATGGCGAAATAATTNTATGTAAGTATACTGAATAAA
 CATACAACAAAATATCCTTAACAAAATACTGTCAGACCAACTGAATGNTTTTATAAAC
 CAACTCTGAANAAAAAGTCTGATAATTATTTAGAATGTAAACCACTATAAATNGATC
 ATGGCTTGGTACTGGGAAATTTTGGTCCAAGGTATTGTTCTGAAGCTGCTATATAA
 CTGGAAGTGGGCTACTTTGGAATTAACACTACACAACAAATGCCCTTTTAAAGGACACGCC
 GTACTTTCTGGGATGAACCTCAAATCAAACGNTTNA

Restriction Sites:

NotI-NotI

ACCN:

NM_015344

Insert Size:

3130 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_015344.1, NP_056159.1</u>
RefSeq Size:	2701 bp
RefSeq ORF:	396 bp
Locus ID:	23484
UniProt ID:	<u>O95214</u>
Cytogenetics:	8p12
Domains:	Vps55
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Negatively regulates growth hormone (GH) receptor cell surface expression in liver. May play a role in liver resistance to GH during periods of reduced nutrient availability.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript but encodes the shorter isoform (1).