

Product datasheet for RC202126L1

UCH37 (UCHL5) (NM_015984) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UCH37 (UCHL5) (NM_015984) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	UCH37
Synonyms:	CGI-70; INO80R; UCH-L5; UCH37
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202126).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.

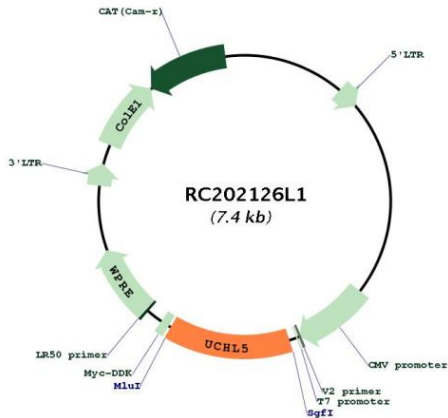
ACCN:	NM_015984
ORF Size:	987 bp



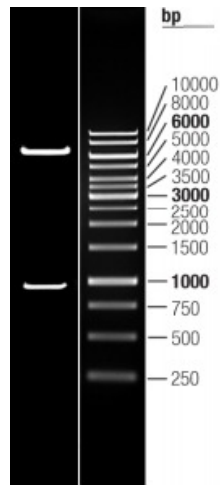
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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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.
RefSeq:	NM_015984.1
RefSeq Size:	1728 bp
RefSeq ORF:	990 bp
Locus ID:	51377
UniProt ID:	Q9Y5K5
Cytogenetics:	1q31.2
Domains:	Peptidase_C12
Protein Families:	Druggable Genome, Protease
MW:	37.4 kDa
Gene Summary:	Protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains. Deubiquitinating enzyme associated with the 19S regulatory subunit of the 26S proteasome. Putative regulatory component of the INO80 complex; however is inactive in the INO80 complex and is activated by a transient interaction of the INO80 complex with the proteasome via ADRM1. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC202126L1



Double digestion of RC202126L1 using SgfI and MluI