

Product datasheet for **SC304117**

SERHL2 (NM_014509) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SERHL2 (NM_014509) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERHL2
Synonyms:	dJ222E13.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304117 representing NM_014509. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGAGTGAGAACGCCGACCGAGGTCTGATCTCAGAGCTGAAGCTGGCTGTGCCCTGGGGCCACATCGCA
GCCAAAGCCTGGGGCTCCCTGCAGGGCCCTCCAGTTCTCTGCCTGCACGGCTGGCTGGACAATGCCAGC
TCCTTCGACAGACTCATCCCTCTTCTCCCGCAAGACTTTTATTACGTTGCCATGGATTTTCGGAGGTCAT
GGGCTCTCGTCCATTACAGCCAGGTGTCCATATTACCTCCAGACTTTTGTGAGTGAGATCCGAAGA
GTTGTGGCAGCCTTGAAATGGAATCGATTCTCCATTCTGGGCCACAGCTTCGGTGGCGTCGTGGGCGGA
ATGTTTTTCTGTACCTTCCCCGAGATGGTGGATAAACTTATCTTGCTGGACACGCCGCTCTTCTCCTG
GAATCAGATGAAATGGAGAACTTGCTGACCTACAAGCGGAGAGCCATAGAGCACGTGCTGCAGGTAGAG
GCCTCCCAGGAGCCCTCGCACGTGTTACGCTGAAGCAGCTGCTGCAGAGGTTACTGAAGAGCAATAGC
CACTTGAGTGAGGAGTGCGGGGAGCTTCTCCTGCAAAGAGGAACACGAAGGTGGCCACAGGTCTGGTT
CTGAACAGAGACCAGAGGCTCGCTGGGCAGAGAACAGCATTGACTTCATCAGCAGGGAGCTGTGTGCG
CATTCCATCAGGAAGCTGCAGGCCCATGCTGTTGATCAAAGCAGTCCACGGATATTTTATTCAAGA
CAGAATTACTCTGAGAAGGAGTCCCTGTCGTTTCATGATAGACACGATGAAATCCACCCTCAAAGAGCAG
TTCCAGTTTGTGGAAGTCCAGGCAATCACTGTGTCCACATGAGCGAAGGATCTGGCAGCAAATGATATCCTGGAT
ATCAGCTCCTTCTTACAGTGCACACACATGCTCCAGCCAGCTG**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_014509
Insert Size:	945 bp



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	<u>NM_014509.4</u>
RefSeq Size:	1447 bp
RefSeq ORF:	945 bp
Locus ID:	253190
UniProt ID:	<u>Q9H4I8</u>
Cytogenetics:	22q13.2
MW:	35.4 kDa
Gene Summary:	Probable serine hydrolase. May be related to cell muscle hypertrophy.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (a).