

Product datasheet for **SC307098**

SLURP2 (NM_177458) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLURP2 (NM_177458) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLURP2
Synonyms:	SLURP-2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_177458 edited ATGCAGCTCGGCACTGGGCTCCTGCTGGCCGCCGTCCTGAGCCTGCAGCTGGCTGCAGCC GAAGCCATATGGTGTACCAGTGCACGGCTTCGGAGGGTGTCCCATGGATCCAGATGC CTGAGGGACTCCACCCACTGTGTCACTGCCACCCGGGTCCTCAGCAACACCGAGGAT TTGCCTCTGGTCACCAAGATGTGCCACATAGGCTGCCCGATATCCCCAGCCTGGGCCTG GGCCCCTACGTATCCATCGCTTGTGCCAGACCAGCCTCTGCAACCATGACTGACGGCTG CCCTCCTCCAGGCCCCCGGACGCTCAGCCCCACGGCCCCACAGCCTGGCGCCAGGGCT CACGGCCGCCCTCCCTCGAGACTGGCCAGCCACCTCTCCCGCCTCTGCAGCCACCGT CCAGCACCGCTTGTCTAGGGAAGTCTGCGTGGAGTCTTGCTCAATCTGCTGCCGTCC AAGCCTGGGGCCATCGTGCCTGCCGCCCTTCAGGTCCCAGCCTCCCCACAATAAAATG TGATTGGATCGTGTGTACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_177458 unedited GGTCAGAAATTGTAACGACTCACTATAGGCGGCCGCGNAGCAGCTCGGCACTGGGCTCCT GCTGGCCGCCGTCTGAGCCTGCAGCTGGCTGCAGCCGAAGCCATATGGTGTACCAGTG CACGGGCTTCGGAGGGTCTCCCATGGATCCAGATGCCTGAGGGACTCCACCCACTGTGT CACCCTGCCACCCGGTCTCAGCAACACCGAGGATTTGCCTCTGGTACCAAGATGTG CCACATAGGCTGCCCCGATATCCCCAGCCTGGGCTGGGCCCTACGTATCCATCGCTTG CTGCCAGACCAGCCTCTGCAACCATGACTGACGGCTGCCCTCCTCCAGGCCCCCGGACGC TCAGCCCCACGGCCCCACAGCCTGGCGCCAGGGCTCACGGCCGCCCTCCCTCGAGAC TGCCAGCCACCTCTCCCGCCTCTGCAGCCACCGTCCAGCACCGCTTGTCTAGGAA GTCCTGCGTGGAGTCTTGCCTCAATCTGCTGCCGTCCAAGCCTGGGGCCCATCGTGCCTG CCGCCCTTTTCACTCCCGACCTCCCCACATAAAATGTGATTGGATCGTGTGGTCCNNN NANAANNNNNNNNNANNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNAAAAAANAAGGGC GGCCCCGGGCAATAACTGGTTCCTGAAAGATACCCGGGTGAAACCTTTGAACCTTC CCCAAGGGCCTTCTGGCCTGGGAATTTGCCCTTCCAAGCCCCCAACCTGGGCCAA AAAAAATAAATTGCCCTTTTGGCGGACAAGGGGGCCTCTCTAAAATTAAGGGGTGA GGGGGGGGGTTTGACACAAGGCCAAATTTGAAAAAAACCCGGGGGGCCG
Restriction Sites:	Please inquire
ACCN:	NM_177458
Insert Size:	600 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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<u>NM_177458.1, NP_803253.1</u>
RefSeq Size:	589 bp
RefSeq ORF:	294 bp
Locus ID:	432355
UniProt ID:	<u>P0DP57</u>
Cytogenetics:	8q24.3

Gene Summary:

This gene encodes a novel, secreted member of the Ly6/uPAR (LU) superfamily of proteins containing the unique three-finger LU domain. This gene is mainly expressed in epithelial cells, including skin and keratinocytes, and is up-regulated in psoriatic skin lesions, suggesting its involvement in the pathophysiology of psoriasis. Alternatively spliced transcript variants have been found for this gene. Read-through transcription from the neighboring upstream gene (LYNX1) generates naturally-occurring transcripts (LYNX1-SLURP2) that encode a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq, Sep 2017]

Transcript Variant: This variant (1) represents the predominant transcript and encodes the longer isoform (1).