

Product datasheet for **SC105043**

LIMS2 (AF484961) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LIMS2 (AF484961) Human Untagged Clone
Tag:	Tag Free
Symbol:	LIMS2
Synonyms:	LGMD2W; PINCH-2; PINCH2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AF484961, the custom clone sequence may differ by one or more nucleotides

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ATGACGGGAAGCAATATGTCGGACGCCTTGCCAACGCCGTGTGCCAGCGCTGCCAGGCCGCTTCTCCC  
CCGCCGAGCGCATTGTCAACAGCAATGGGGAGCTGTACCATGAGCACTGCTTCGTGTGTGCCAGTGCTT  
CCGGCCCTTCCCCGAGGGGCTCTTCTATGAGTTTGAAGGCCGGAAGTACTGCGAACACGACTTCCAAATG  
CTGTTTGTCTCCGTGCTGTGGATCCTGCGGTGAGTTCATCATTGGCCGCGTCATCAAGGCCATGAACAACA  
ACTGGCACCCGGGCTGCTTCCGCTGCGAGCTGTGTGATGTGGAGCTGGCTGACCTGGGCTTTGTGAAGAA  
TGCCGGCAGGCATCTCTGCCGGCCTTGCCACAACCGTGAGAAGGCCAAAGGCCTGGGCAAGTACATCTGC  
CAGCGGTGCCACCTGGTCATCGACGAGCAGCCCTCATGTTTCAGGAGCGACGCCTACCACCCTGACCACT  
TCAACTGCACCCACTGTGGGAAGGAGCTGACAGCCGAGGCCCGGAGCTGAAGGGTGTGAGCTACTGCCT  
GCCCTGCCATGACAAGATGGGCGTCCCCATCTGCGGGGCTGCCGCCGGCCCATCGAGGGCCGAGTGGTC  
AACGCGCTGGGCAAGCAGTGGCACGTGGAGCACTTTGTCTGTGCCAAGTGTGAGAAGCCATTCTGGGGC  
ACCGGCACTATGAGAAGAAGGGCCTGGCCTACTGCGAGACTCACTACAACCAGCTTTCGGGGACGCTGTG  
CTACAACGACGATGTGATTGAAGGCGATGTGGTGTGCGCCCTCAACAAGGCCTGGTGTGTGAGCTGC  
TTCTCTGCTCCACCTGCAACAGCAAGCTCACCTGAAGGACAAGTTTGTGGAGTTCGACATGAAGCCCG  
TGTGTAAGAGGTGCTACGAGAAGTCCCCGTGGAGCTGAAGAAGCGGCTGAAGAAGCTGTGCGAGCTGAC  
CTCCCGCAAGGCCAGCCCAAGGCCACAGACCTCAACTCTGCCTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for AF484961 unedited NNGGTTACAATTGTAAACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCCACCCC CGCCACCCCTCTCGCGGGCGGAGCGGCTTTGGCCTTTTTGGGCGTCTCCCTGCTCCG CGGCCCGGGCTGGCGGGCGGGCGCTCGGCTGGCGGCTGCAGCAGCAGAGGGAGACCCGCG GCAACCCCGGCAACCCAGGGCTCGGCGTCGCTGCCACCATGACGGGAAGCAATATGTCGG ACGCCCTTGCCAACGCCGTGTGCCAGCGCTGCCAGGCCGCTTCTCCCCCGCAGCGCA TTGTCAACAGCAATGGGGAGCTGTACCATGAGCACTGCTTCGTGTGTGCCAGTCTTCC GGCCTTCCCGAGGGGCTCTTCTATGAGTTGAAGGCCGGAAGTACTGCGAACACGACT TCCAAATGCTGTTTGCTCCGTGCTGGATCCTGCGGTGAGTTCATCATTGGCCGCGTCA TCAAGGCCATGAACAACAACTGGCACCCGGGCTGCTTCCGCTGCGAGCTGTGTATGTGG AGCTGGCTGACCTGNGCTTTGTGAAGAATGCCGGCAGGCATCTCTGCCGGCCTTGCCACA ACCGTGAGAAGGCCAAGGGCCTGGGCAAGTACATCTGCCAGCGGTGCCACCTGGTCATCG ACGAGCAGCCCTCATGTTCCAGGAGCGACGCTACCACCCTGACCACTTCAACTGCACCC ACTGTGGGAAGGAGCTGACAGCCGAGGGCCGCGAGCTGAAGGGTGAGCTCTACTGCCTGC CCTGCCATGANAGATGGGCGTCCNCATCTGCNGNGCCCTGCCGCCCGGCCCATCGAGGC CCCGAGTGNTCAACGCGCTGGGCAAGCAGTGGCACGTGGAGCACTTTGTCTGTGCCAGT GTGAGAAGCCANCTGGGCACCGCACTTAAAAGAAGGGCCTGGCTACTGCGAGATCACT
Restriction Sites:	NotI-NotI
ACCN:	AF484961
Insert Size:	2100 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:	<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:	AF484961.1 , AAM97589.1
RefSeq Size:	1026 bp
RefSeq ORF:	1026 bp
Locus ID:	55679
Cytogenetics:	2q14.3
Domains:	LIM

Gene Summary:

This gene encodes a member of a small family of focal adhesion proteins which interacts with ILK (integrin-linked kinase), a protein which effects protein-protein interactions with the extracellular matrix. The encoded protein has five LIM domains, each domain forming two zinc fingers, which permit interactions which regulate cell shape and migration. A pseudogene of this gene is located on chromosome 4. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]