

Product datasheet for **SC216742**

LATS2 (NM_014572) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LATS2 (NM_014572) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LATS2
Synonyms:	KPM
ACCN:	NM_014572
Insert Size:	1864 bp



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Insert Sequence: >SC216742 3'UTR clone of NM_014572
 The sequence shown below is from the reference sequence of NM_014572. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
ACTGAAGGCTGCCAGCCTGTGTACGTGTAGATGGGGGCCAGGCACCCACCCTCGCTGCCTCCAGG
TCAGGGTCCCGGAGCCGGTGCCTCACAGGCCAATAGGGAAGCCGAGGGCTGTTTTGTTTTAAATTAGT
CCGTCGATTACTTCACTTGAATTCTGTCTTCCACCAAGAAAACCCAAACAGGACACTTTTGAAAACAG
GACTCAGCATCGCTTCAATAGGCTTTTCAGGACCTTCACTGCATTAACAATATTTTTGAAAATTTA
GTACAGTTTAGAAAGAGCACTTATTTTGTATATCCATTTTTCTTACTAAATTATAGGGATTAAGT
TGACAAATCATGCTGCTGTTATTTTCTACATTTGTATTTTATCCATAGCACTTATTCACATTTAGAAA
AGACATAAAAACTGAAGAACATTGATGAGAAATCTCTGTGCAATAATGTAAAAAAAAAAAAAGATAACA
CTCTGCTCAATGTCACGGAGACCATTTTATCCACACAATGGTTTTTGTTTTTATTTTTCCCATGTTT
CAAAATTTGTGATATAATGATATAATGTTAAAAGCTGCTTTTTTGGCTTTTTGTCATATCTAGTATAATA
GGAAAGTGTGAGCAAGGTGATGATGTGGCTGTGATTTCCGACGTCTGGTGTGTGGAGAGTACTGCATGAG
CAGAGTCTTCTATTATAAAATTACCATATCTTGCCATTACAGCAGGTCCTGTGAATACGTTTTTACT
GAGTGTCTTAAATGAGGTGTTCTAGACAGTGTGCTGATAATGTATTGTGCGGGTGACCTCTTCGCAT
GATTGTATCTTACTGTTTTGTAAAGAAATGCAGATGTGTAAGTGAAGTATTTGTGTGTGTGTC
TTGGTTGTGATTGGATTCTTTGGGGGGGGGAAGTGAACATTTGTGCATATACTGAAGTATATACATC
AAAAGGATTAATACAGCGATGCCAAAAAGTTAATCACGGACACATGCCGTTTCTGTAGTCCGTATG
CTTTTCTATTCTTGGTAGAGCTGGTATGTGGAATGCCATACCTCTGACCTACTACTTTTACT
GACAGACTGCCACACTGAAAGCTTCAGTGAATGTTCTTAGTCCTGTTTTCTTCTGTACTGTCAGGAA
ACTGAGTGATCTAATGGTCTCTCACTTTTTTTTTGTTCTTTTGTGACTTTGAAGTATCAAACTTA
ACTTGGTTTAAACAATACATATTCCTAACCTTTGTAAGAAAGCAAGATTCTTCAAAATGACATTGAAA
TAAAAAGTAAGCCATACGTATTTTCTTAGAAGTATAGATGTATGTGCGTGTATACACACACACACAC
ACACAGAGATAAACACAATATTCCTTATTTCAAATTAGTATGATTCTATTTAAAGTATTATATTG
AGTAAAAAGTTCAATTCTTTTTGCTTTTTAAAAAATCTGATGCTTCATAATTTTCAATTATATTCC
ACATATTTTTCTTGAAGTCTTAGCATAATGTATCCATTAAGTATATCTAGGCAACAACACTT
AGAAGTTTATCAGTGTAAACTAAAAAATAAAGATTCTGTGACTGGTTTACATTTGTGTGAGTGG
CATACTCAAGTCTGCTGTGCCTGTGCTGACTGTGACTGTCAGTATTCTCGCTATTTTATAGTGTGCCATGT
TGTTACTCACAGCGCTCTGACATACTTTCATGTGGTAGGTTCTTCTCAGGAACTCAGTTAACTATTA
TTTATTGATATATCATTACCTTTGAAAAGCTTCTACTGGCACAATTTATATTAAAAATTTGAATCCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_014572.3](#)

Summary: This gene encodes a serine/threonine protein kinase belonging to the LATS tumor suppressor family. The protein localizes to centrosomes during interphase, and early and late metaphase. It interacts with the centrosomal proteins aurora-A and ajuba and is required for accumulation of gamma-tubulin and spindle formation at the onset of mitosis. It also interacts with a negative regulator of p53 and may function in a positive feedback loop with p53 that responds to cytoskeleton damage. Additionally, it can function as a co-repressor of androgen-responsive gene expression. [provided by RefSeq, Jul 2008]

Locus ID: 26524

MW: 73