

Product datasheet for **MR210317**

Lrsam1 (NM_199302) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrsam1 (NM_199302) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrsam1
Synonyms:	MGC56830
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR210317 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCCTCTTCTTTGGAAGCGAAACCCAGTGAGGAGCTCGAAAACGCCTGGAGTACCAGATGTGTC
TGGCAAAAGAAGCTGGGGCAGATGACATTCTCGACATCTCTAAATGTGAGCTCTCTGAGATTCCATTTGG
GGCTTTTGCAACGTGCAAAGTTCTACAGAAAAAGGTGTTGATTGTCCATACAAACCACCTCACCTCCCTG
CTTCCAAGTCTGCAGCCTCTTGAGCCTGTGCCATCAAGTTCTGGATCTCCATGAGAACAGCTGA
CAGCCCTTCTGATGACATGGGGCAGCTGACAGTCTGCAGGTATTGAATGTGGAAGAAATCAACTCAC
GCATCTCCCTCGCTCTATTGGGAACCTGCTGCAGCTCCAGACGCTCAATGTAAAAGACAACAAGCTGAAG
GAGCTTCTGACACCCTGGGGGAGCTGCGGAGCCTGCGGACACTCGACATTAGTGAGAACGAGATTGAGA
GACTTCCCAGATGCTGGCGCACGTGCGGACCTGGAGACGCTGAGCCTCAACGCCTTGGAATGGTCTA
CCCCCACCAGAGGTGTGTGGCGTGGCACTGCGGCCGTGCAGCAGTTCTCTGCAAAGAGTCAGGACTG
GACTATTACCCACCTTCTCAGTACCTGCTGCCAGTCTGGAGCAAGATGGAGCAGAGAACACCCAAGACA
GCCCCGATGGACCCGAAGCCGATTCTCCAGGGAGGAGGCTGAATGGCAGAATCGGTTCTCCGACTACGA
GAAGCGGAAGGAGCAGAAGATGCTGGAGAAGCTGGAGTTCGAGCGGCCTGGACCTTGGGCAGCGGGAG
CACGCTGAGTACTGCAGCAGAGCCACAGCCACAAGGACGAGATCCTGCAGACGGTCAAGCAGGAGCAGA
CACGGCTAGAGCAGGACCTGAGCGAGCGCCAGCGCTGTCTGGATGCAGAGCGGCAGCAGCTGCAGGAGCA
GCTCAAGCAGACGGAGCAGAGCATCGCCAGCCGATTAGAGACTCCTGCAGGACAACCAGAGGCAAAAG
AAGAGTTCTGAGATTCTGAAATCGCTGGAGAATGAGAGAATAAGAATGGAGCAGTTGATGTCCATCACCC
AGGAGGAGACAGAGAACCTCAGGCAGCGTGAGATCGCCCGCCCATGCAGCAGATGCTGACGGAGAGCTG
TAAGAGCCGGCTCATCCAGATGGCTATGAGTCTCAGAGGCAGAGCCTGGCGCAGCAGGCCCTGTTCCAGC
ATGGCTGAAATGGACAAGCGTTCCAGCAGATTCTGTCTTGGCAGCAGATGGATCAGAACAAGCCATCA
GCCAGATCCTCAGGAGAGTGAATGCAGAAGGCTGCCTTCGAGGCTCTCCAGGTGAAGAAGGACCTGAT
GCATCGGCAGATCAGGAACCAGATTAGGCTAATAGAACTGAGTTACTGCAGCTGACACAGCTGGAGTTA
AAGAGGAAGTCCCTGGACACAGAGACGCTTCAGGAGATGGTCTCAGAGCAGCGCTGGGCACTCAGCAACC
TGCTCCAGCAGCTCCTGAAAGAGAAGAAGCAGCGGGAAGAGGAACTCCATGGCATCTGGCGGAATTAGA
GGCCAAGAGCGAAACGAAGCAGGAAAATTAAGGCTCATCCAGTACCAACGGCTTTTAAACCAGAAGCCT
TTGTCCTTGAACCTGCAGGAAGAAGGCATGGAGCGACGGCTGGTGGCCCTGCTGGTGGAGCTTTCTGCAG
AGCACTACCTGCCCTCTTCGCCACCACCGCATCTCACTGGACATGCTGAGCCGAATGAGCCCCGAGAG
TCTGGCTAAGGTGGGCGTCTCAGAAGCAGGCTGCAACATGAGATCCTACGGAGAGCCCAGGACCTGCTA
GCTGTGCCTAGGGTCCAGCCAGAGTTGAAACCACTCGAGAATGAGGTCTTGGTGCCTCGAGCCCCCA
CAGCTCCCCGGGAGCTCCAAGAGTCAGTGCACCGTCCGCCCCCAGCTGAACTGGACATGCCGACCTC
AGAGTGTGTTGTGTGCCTGGAACGTGAAGCCCAGATGGTCTTCTCACCTGTGGCCACGTCTGCTGCTGT
CAGCAGTGTGCCAGCTCTGCGCACCTGCCACTGTGCCCCAGGAGATCTCCAGCGCCTCCGGATCT
ACCACAGCAGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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: [NM_199302.3](#)

RefSeq Size: 4002 bp

RefSeq ORF: 2184 bp

Locus ID: 227738

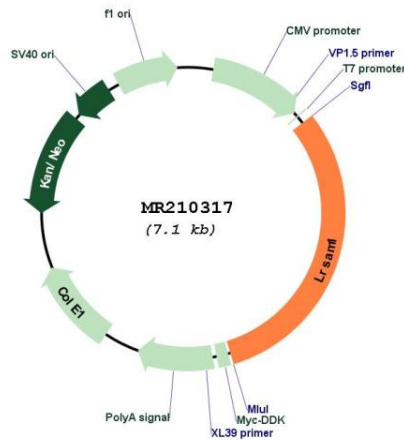
UniProt ID: [Q80Z16](#)

Cytogenetics: 2 B

MW: 84 kDa

Gene Summary: E3 ubiquitin-protein ligase that mediates monoubiquitination of TSG101 at multiple sites, leading to inactivate the ability of TSG101 to sort endocytic (EGF receptors) and exocytic (viral proteins) cargos (By similarity). Bacterial recognition protein that defends the cytoplasm from invasive pathogens (By similarity). Localizes to several intracellular bacterial pathogens and generates the bacteria-associated ubiquitin signal leading to autophagy-mediated intracellular bacteria degradation (xenophagy) (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210317