

Product datasheet for **MC219132**

Lgsn (NM_153601) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lgsn (NM_153601) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lgsn
Synonyms:	Gluld1; lengsin; Lgs
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219132 representing NM_153601
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCGACAAGGGGACCTCGCACAGGAGGACACAGCAAAGATGAAGGCAATGTGACTGAAGGCAGCA
 GGATGAGCAAACCTGAGAAGGGCAAGGAGAAAAGTCACCAAACCACATCTTTGCTCAATGGATGGGAAGA
 AATCGCCAAGGCCAATTCAGTGAGATGTCAGAAACCAATAGCAGATCTGAGCAAACCTGGCTCTGCT
 GAGTCTTGGTCTCGCACAGTGCCAAAGATGCCTACCACCCGACACCAGTGGTAAAACCTCGCTTCCCA
 GTGCCCTTAGCCGGTCTCTGATGCTGAATTCAGCCCGAATACTGATCCCACCCGGTACAATGCTCAGAG
 TTTTAACCCGCCTCAACTTTCTGCTAGAATGAAACACATTAACAAGAAATGGCCAAAACACCTCCAG
 TTTGTACGATTTGAAGCAACAGATTTGCACGGTGTCTCCAGATCTAAGAGCATCCCCGCACAGTTTTTTC
 AAGAAAAAGTGATCCACGGAGTTTTATGCCCGTGGGTATCTGGAATTGATGCCGAACCCTAAGGACAA
 TGAGGTGAATCACATAAGAGCCACATGCTTCAATAGTGATATAGTCCTCATGCCAGAGCTGTCGACCTTC
 AGAGTCTTGCCTTGGGCAGAGAGACTGCGAGGGTGATTTGTGACACCTTACAGTGACGGGCGAGCCTC
 TCTGACATCCCCTAGGTACATCGCAAGAGGCAGCTGCGCCAGCTGCAGGACGCCGGCTTCTGCCTGCT
 GTCCGCTTTATCTATGATTTTCTGCATTTTTGGTGTGCCGAAGTGATCAATTCAAAGACCATATCTTTT
 CCTGCCTCCACATTACTAAGTAACCATGATCAGCCCTTATGCAGGAAGTGGTTGAGGGCCTGTATCAGA
 CAGGGGCGAATGTGGAGAGCTTCTCCTCGTCTACCAGGCTGGGCAGATGGAGATCTGTTTTCTCCCAGA
 GTTTGGCATTAGCTCAGCTGATAATGCCTTACCTCAGAACAGGTCTCCAAGAAGTGGCCAGGAGATAT
 AATTACATAGCTAGCCTTGAATTGAGACTGGATTCTGCAATTCAGGAATTTGTCTCATAGCATCTGGG
 ATGTGGCGGGAAGACAAATATGTTCTGCAGTGGTCTGGGGTGGAGAGGCTCACGCTCACCGGAAGAA
 GTGGTTGGCAGGCTGCTGAAGCACTCTGCGGCTCTCAGCTGCCTGATGGCCCCTGCGGTCAACTGTGCG
 AAGCGCTACTGCAAGGACAGCAGAGACCTGAAGGACAGCGTGCCACCACGTGGGGATACAATGACAACA
 GCTGTGCCTTGAACATCAAGTGTGATGGTGAAGAAAGGCACCCAGATAGAAAATAAACTAGGGTCTGCAAC
 CGGAACCCCTTACCTGGTGTGGCGGCCACTGTGGCAGCAGGCTTGGATGGTCTTCCAGAGCAGTGTGGT
 GCTGCGGCTGGTCCGATGAGAGTCAGGATCTCTATCAACCAGAACCTTCCGAGATCCCTTTGAAGATGG
 AAGATGCCCTTGGCGCCCTGGAGCAAGATGAGTGTCTGAAGCAGGCTCTGGGAGAGACTTTCATCCGCTA
 CTTTGTGCCATGAAGAAGTATGAACTGAAAAACGAAGAACAGATGCAGAGGGAATAAATTCCTGGAG
 TATTTTATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_153601

Insert Size: 1692 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:

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_153601.1](#), [NP_705829.1](#)

RefSeq Size: 1911 bp

RefSeq ORF: 1692 bp

Locus ID: 266744

UniProt ID: [Q8CIX8](#)

Cytogenetics: 1 B

Gene Summary: May act as a component of the cytoskeleton or as a chaperone for the reorganization of intermediate filament proteins during terminal differentiation in the lens. Does not seem to have enzymatic activity.[UniProtKB/Swiss-Prot Function]