

Product datasheet for SC211807

Lysozyme (LYZ) (NM_000239) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Lysozyme (LYZ) (NM_000239) Human 3' UTR Clone
Symbol:	Lysozyme
Synonyms:	LYZF1; LZM
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000239
Insert Size:	1045 bp
Insert Sequence:	>SC211807 3'UTR clone of NM_000239 The sequence shown below is from the reference sequence of NM_000239. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
CGTCAGTATGTTCAAGTTGTGGAGTGTACTCCAGAATTTTCTTCTTCAGCTCATTTTGTCTCTCTC
ACATTAAGGGAGTAGGAATTAAGTGAAAGGTCACACTACCATTATTTCCCTTCAAACAAATAATATTT
TTACAGAAGCAGGAGCAAAATATGGCCTTTCTTCTAAGAGATATAATGTTCACTAATGTGGTTATTTTA
CATTAAGCCTACAACATTTTTCAGTTTGCAAATAGAACTAATACTGGTGAAAATTTACCTAAAACCTTG
GTTATCAAATACATCTCCAGTACATTCCGTTCTTTTTTTTTTGAGACAGTCTCGCTCTGTGCGCCAGG
CTGGAGTGCAGTGGCGCAATCTCGGCTCACTGCAACCTCCACCTCCCGGGTTACGCCATTCTCCTGCC
TCAGCCTCCCGAGTAGCTGGGATTACGGGCGCCGCCACACGCCCGGCTAATTTTTTGTATTTTGTAGT
AGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTTGATCCACCCACCTCGG
CCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACTGCGCCGGCCACATTCAAGTTCTTATCAAAGAAA
TAACCCAGACTTAATCTTGAATGATACGATTATGCCCAATATTAAGTAAAAAATAAGAAAAGGTTAT
CTTAAATAGATCTTAGGCAAAATACCAGCTGATGAAGGCATCTGATGCCTTCATCTGTTCACTCATCTC
CAAAAACAGTAAAAATAACCACTTTTGTGGGCAATATGAAATTTTAAAGGAGTAGAATACCAAAATG
ATAGAAAACAGACTGCCTGAATTGAGAATTTTGATTTCTTAAAGTGTGTTTCTTCTAAATTGCTGTTCC
TTAATTTGATTAATTTAATTCATGTATTATGATTAATCTGAGGCAGATGAGCTTACAAGTATTGAAAT
AATTACTAATTAATCACAAATGTGAAGTTATGCATGATGTAAAAAATACAAACATTCTAATTAAAGGCT
TTGCAACACA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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:	<u>NM_000239.3</u>
Summary:	This gene encodes human lysozyme, whose natural substrate is the bacterial cell wall peptidoglycan (cleaving the beta[1-4]glycosidic linkages between N-acetylmuramic acid and N-acetylglucosamine). Lysozyme is one of the antimicrobial agents found in human milk, and is also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. The protein has antibacterial activity against a number of bacterial species. Missense mutations in this gene have been identified in heritable renal amyloidosis. [provided by RefSeq, Oct 2014]
Locus ID:	4069
MW:	40.2