

Product datasheet for RN203953

Lyz2 (NM_012771) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lyz2 (NM_012771) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lyz2
Synonyms:	Lysz; Lyz; Lyz1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203953 representing NM_012771 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGGCTCCTAGTTCTGGGGTTCCTCCTGCTCTCTGCCTCTGTCCAGGCCAAGATCTATGAACGCT
GTGAGTTCGCCAGAACTCTGAAAAGGAATGGGATGTCTGGCTACTATGGAGTCAGCCTGGCAGACTGGGT
GTGTTTAGCTCAGCATGAGAGCAATTATAACACACAAGCCAGAACTACAACCCTGGAGACCAAAGCACC
GACTATGGGATATTTAGATCAATAGCCGATACTGGTGTAAATGACGGCAAAACCCCAAGAGCAAAGAACG
CCTGTGGGATACCCTGCAGCGCTCTGCTGCAGGATGACATCACTCAAGCCATAACAATGTGCGAAGAGAGT
TGTGAGGGATCCCAAGGCATTCGAGCATGGGTGGCATGGCAAAGACACTGTAAAAACCGAGATCTATCC
GGGTATATTCGGAAGTGCAGGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012771
Insert Size:	447 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).



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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:	<u>NM_012771.3, NP_036903.2</u>
RefSeq Size:	1219 bp
RefSeq ORF:	447 bp
Locus ID:	25211
Cytogenetics:	7q22
Gene Summary:	widely expressed; may mediate analgesic, anti-inflammatory, hemostatic, anti-allergy, anticancer, and antibiotic functions [RGD, Feb 2006]