

## Product datasheet for RN213694

### Gzmf (NM\_153466) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gzmf (NM_153466) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gzmf
Synonyms:	Gzmg; Rnkp7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213694 representing NM_153466 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGACCATACTTCTGCCTCTTGAAGCTGGAGCAGAGGAGATTATCGGGGGCCATGAGGTCAAGCCCCACT  
CCCGCCCTTACATGGCACATGTGAAATTTGTGAAAGTTGATGGGAATAGAAGTGTCTGCGGAGGCTTCT  
GGTTCAAGACTACTTTGTGCTGACGGCTGCTCACTGCCTGGAAGATCAATGAAAGTCATACTAGGGGCC  
CACAATCTCCATGTGCAGGAGAAGACTCAGCAGATCATCCCTGTGAAAAGGGCTATTCCTACCCGGCCT  
ATAATCGTGAGGACCACATTAATGACATCATGCTATTAAGTTGGAGAGTAAAGCCAAGAAGACTAGAGC  
TGTGAGGCCTCTCAATTTGCCAGGCCCAATGACATGGTGAAGCCAGGGGATGTGTGTCGTGTTGCTGGC  
TGGGGCCAAATGTCCGTCGATGTCACTAAAAGAACTTCCCGCCTACAAGAGGCTAAACTGATCATCCAGG  
AGGACAAGGAATGCAAAAACTTCCATCACTACTCTGAGACCAGGAGATTTGTGCTGGAGACCCAAA  
GAAAATACAGGCTGCGTACAAGGTGACTCCGGGGGACCCCTTGTGTGAAAACAGAGCTTATGGAGTT  
GTATCCTATGGGAAAAATGGGACAATCTTTCAGGAGTCTCACCAAGGTTGTGTACTTCTGCCATGGA  
TAAGCAGAAACATGAAGCTCCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_153466
Insert Size:	726 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_153466.1</a> , <a href="#">NP_703196.1</a>
<b>RefSeq Size:</b>	883 bp
<b>RefSeq ORF:</b>	726 bp
<b>Locus ID:</b>	266704
<b>Cytogenetics:</b>	15p12
<b>Gene Summary:</b>	protease required for lymphocyte cytotoxic granules to lyse target cells [RGD, Feb 2006]