

Product datasheet for MR203381

Gzma (NM_010370) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gzma (NM_010370) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gzma
Synonyms:	AW494114; Ctla-3; Ctla3; Hf; Hf1; SE1; TSP-1; TSP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203381 representing NM_010370 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGAACGCCTCTGGTCCCCGGGGCCATCTTGCTACTCTCCTTTTTCTTCTGCTTATTCTGAAG
GAGGCTGTGAAAGAATCATTGGAGGAGACACGGTTGTTCTCACTCAAGACCGTATATGGCTCTACTTAA
ACTTAGTTCAAATACCATCTGTGCTGGCGCTTTGATTGAAAAGAACTGGGTGTTGACTGCTGCCACTGT
AACGTGGGAAAGAGATCTAAGTTCATTCTGGGGCTCACTCAATCAATAAGGAGCCAGAACAACAGATAT
TGACTGTTAAGAAAGCATTTCCTATCCATGCTATGATGAATATACACGTGAGGGGGATCTACAACCTGT
ACGGCTAAAGAAAAAGCAACAGTTAACAGAAATGTGGCTATCCTTCACCTACCTAAAAAGGAGATGAT
GTGAAACCAGGAACCAGATGCCGAGTAGCAGGATGGGGGAGATTTGGCAATAAGTCAGCTCCCTCTGAAA
CTCTGAGAGAAGTCAACATCACTGTCTATAGACAGAAAACTGCAATGATGAAAAACACTATAATTTTCA
TCCTGTAATTGGACTAAACATGATTTGTGCAGGGGACCTCCGTGGTGGAAAGGACTCCTGCAATGGGGAT
TCTGGCAGCCCTGCTATGTGATGGTATTTTGCAGGCATCACCTCTTTTGGTGGAGAGAAGTGTGGAG
ATCGCCGATGGCCTGGTGTCTATACTTTCTCTCAGATAAACACCTCAATTGGATAAAGAAGATTATGAA
GGTTCTGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_010370.3](#)

RefSeq Size: 878 bp

RefSeq ORF: 783 bp

Locus ID: 14938

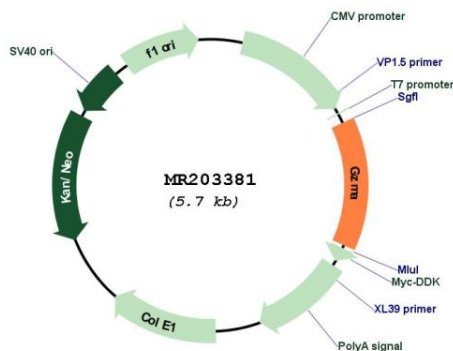
UniProt ID: [P11032](#)

Cytogenetics: 13 63.93 cM

MW: 29 kDa

Gene Summary: Abundant protease in the cytosolic granules of cytotoxic T-cells and NK-cells which activates caspase-independent cell death with morphological features of apoptosis when delivered into the target cell through the immunological synapse. It cleaves after Lys or Arg. Cleaves APEX1 after 'Lys-31' and destroys its oxidative repair activity. Cleaves the nucleosome assembly protein SET after 'Lys-189', which disrupts its nucleosome assembly activity and allows the SET complex to translocate into the nucleus to nick and degrade the DNA (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203381