

Product datasheet for RN202001

Gale (NM_080783) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gale (NM_080783) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gale
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202001 representing NM_080783 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGAGAAGGTGCTCGTCACGGGCGGGGCTGGCTACATCGGTAGCCACACAGTGTGGAGCTGCTGG
AGGCGGGCTACTCGCTGTGGTCATCGACAATTCCACAATTCATTCTGGGAGAAGACTCCATGCCTGA
GAGCCTGCGCCGGTCCAGGAGCTGACAGGCCGCTCTGTGGAGTTGAGGAGATGGACATCTGGACCAG
GCAGCCCTACAGCACCTCTTAAGAAGCACAATTTAAGGCTGTATCCACTTTGCTGGGCTCAAGGCTG
TGGCGAGTCAGTGCAGAAGCCTCTGGATTACTACAGAGTTAACCTAACAGGGACCATCCAGCTCCTGGA
GATCATGAGGGCCATGGGGTGAAGAGTCTGGTCTTCAGCAGCTCAGCCACCGTGTATGGGAACCCCGAG
TACCTGCCTCTGGACGAGGCCACCCACCGGGGCTGTACCAACCCCTACGGCAAGTCCAAGTTCTTCA
TTGAAGAGATGATCCAGGACCTGTGCCGGCAGACACGGCCTGGAACGCTGTGCTGCTTCGGTACTTCAA
CCCCATAGGCGCCATGCCTCTGGCCGATCGGCGAAGATCCTCAGGGTATCCCCAACACCTCATGCC
TATGTCTCCAGGTGGCAATCGGGCGACGAGAGCCCTGAATGTCTTTGGTGATGACTACGCTACGGAGG
ATGGGACAGGTGTGAGGGATTACATTATGTGGTGGATCTGGCCAAGGGCCATATAGCAGCCTTGAAGAA
GCTGAAGGAGCAGTGTGGTTGCCGGATCTACAACCTGGGCACGGGCACAGGCTATTTCGGTCTGCAGATG
GTCCAAGCCATGGAGAAGCCTCAGGGAAGAAGATCCCGTACAAGGTGGTGGCACGGCGGGAAGGCGATG
TGGCGGCTGTTATGCCAACCTAGCCTGGCCATGAGGAGCTGGGCTGGACAGCAGCCTTGGGGCTGGA
CAGGATGTGTGAAGATCTGTGGCCTGGCAGAAGCAGAACCCTTCAGGCTTTGGGGCGCAGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_080783
Insert Size:	1047 bp



[View online »](#)

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:	<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:	NM_080783.2 , NP_542961.2
RefSeq Size:	1425 bp
RefSeq ORF:	1047 bp
Locus ID:	114860
Cytogenetics:	5q36
Gene Summary:	enzyme with galactose-4 epimerase activity [RGD, Feb 2006]