

Product datasheet for **RR209415**

Calr (NM_022399) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Calr (NM_022399) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Calr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR209415 representing NM_022399 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCCTTCGGTGCCGCTCCTGCTTGGCCTCCTCGGCCTGGCTGCCGAGACCCTGCCATCTATTTCA
AAGAGCAGTTCTTGGACGGAGATGCCTGGACCAACCGCTGGGTCGAATCCAAACATAAGTCTGATTTTGG
CAAATTCGTCCTCAGTTCTGGCAAATTCACGGGGACCAGGAGAAGGATAAAGGGTTGCAGACAAGCCAA
GATGCCCGATTTTACGCGCTGTCCGCCAGATTCGAACCCCTCAGCAACAAGGGCCAGACACTGGTGGTAC
AGTTCCACCGTGAAGCATGAGCAGAATATCGACTGTGGGGCGGCTACGTGAAGCTGTTTCCGGGTGGCTT
GGACCAGAAGGACATGCATGGAGACTCAGAATATAACATCATGTTTGGTCCGGACATCTGCGGTCTCGC
ACCAAGAAGGTTTCATGTCATCTTTAACTACAAGGCAAGAACGTGCTGATCAACAAGGATATCCGGTGTA
AGGATGATGAATTCACACATCTATACACGCTGATTGTGCGGCCAGACAACACCTACGAGGTGAAAATTGA
CAACAGCCAGGTGGAGTCGGGCTCCTTGGAGGATGATTGGGACTTTCTGCCGCCAAGAAGATTAAGGAT
CCTGACGCTGCCAAGCCAGAAGACTGGGATGAACGAGCCAAGATTGATGACCCACAGATTCCAAGCCTG
AGGACTGGGACAAGCCAGAGCACATCCCTGACCCTGATGCTAAGAAGCCTGAGGACTGGGACGAAGAGAT
GGATGGAGAGTGGGAACCACAGTGATTCAAAATCCTGAATACAAGGGCGAATGGAAGCCACGTCAAATT
GACAACCCAGATTACAAGGTACCTGGATACCCAGAGATTGACAATCCTGAATACTCCCCGATGCGA
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TGACAACCTCCTCATACCAATGATGAGGCCTATGCAGAGGAGTTTGGCAATGAGACCTGGGGTGTCAAC
AAGGCTGCAGAGAAGCAGATGAAGGACAAGCAGGATGAGGAGCAGAGGCTTAAGGAAGAAGAAGAAGACA
AGAAGCGTAAAGAGGAAGAGGAGGCCGAGGATAAAGAGGATGAGGATGACAGAGATGAAGATGAAGATGA
AGAGGATGAGAAGGAAGAAGATGAGGAGGATGCCACTGGCCAAGCCAAGGATGAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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_022399.2](#), [NP_071794.1](#)

RefSeq Size: 1865 bp

RefSeq ORF: 1251 bp

Locus ID: 64202

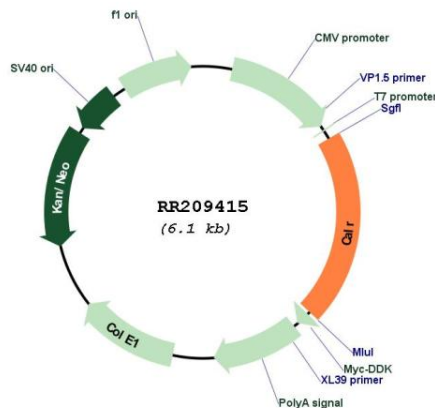
UniProt ID: [P18418](#)

Cytogenetics: 19q11

MW: 48 kDa

Gene Summary: Ca(2+)-binding molecular chaperone that promotes folding of proteins carrying N-linked glycans [RGD, Feb 2006]

Product images:



Circular map for RR209415