

Product datasheet for **MC216948**

Calcr (NM_001042725) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Calcr (NM_001042725) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Calcr
Synonyms:	Clr; Ct-r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001042725
Insert Size:	1491 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).
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_001042725.1</u> , <u>NP_001036190.1</u>
RefSeq Size:	3471 bp
RefSeq ORF:	1491 bp



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Locus ID: 12311

UniProt ID: [Q60755](#)

Cytogenetics: 6 1.81 cM

Gene Summary: This is a receptor for calcitonin. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. The calcitonin receptor is thought to couple to the heterotrimeric guanosine triphosphate-binding protein that is sensitive to cholera toxin.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1a, previously called b), differs in the 5' UTR and lacks an alternate in-frame exon compared to variant 1b. The resulting isoform (1a, previously called b), has the same N- and C-termini but is shorter compared to isoform 1b.