Product datasheet for MC228269

Gk (NM_001294138) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gk (NM_001294138) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gk
Synonyms:	D930012N15Rik; Gyk
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	SgfI-MluI
ACCN:	NM_001294138
Insert Size:	1659 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	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_001294138.1, NP_001281067.1

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RefSeq Size:	4441 bp
RefSeq ORF:	1659 bp
Locus ID:	14933
Cytogenetics:	X 39.32 cM
Gene Summary:	Key enzyme in the regulation of glycerol uptake and metabolism.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) contains one alternate exon and lacks two alternate exons in the coding region, but maintains the reading frame, compared to variant 4. The encoded isoform (3) is shorter than isoform 4.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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