Product datasheet for MR215430L3V

Grik3 (NM_001081097) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Grik3 (NM_001081097) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Grik3
Synonyms:	9630027E11; Glu; GluK3; Glur; Glur-7; Glur7; GluR7-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001081097
ORF Size:	2757 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215430).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001081097.2
RefSeq Size:	8860 bp
RefSeq ORF:	2760 bp
Locus ID:	14807
UniProt ID:	B1AS29
Cytogenetics:	4 58.91 cM

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Gene Summary: Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. Transcript variants encoding different isoforms have been described for this gene, however, their full-length nature is not known. [provided by RefSeq, Jul 2008]