

Product datasheet for **MR223288L3V**

Gan (NM_001081151) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Gan
Synonyms:	A330045G18; gigaxonin
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001081151
ORF Size:	1791 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR223288).

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_001081151.1
RefSeq Size:	2652 bp
RefSeq ORF:	1794 bp
Locus ID:	209239
UniProt ID:	Q8CA72
Cytogenetics:	8 E1



Gene Summary:

Probable cytoskeletal component that directly or indirectly plays an important role in neurofilament architecture. May act as a substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Controls degradation of TBCB (By similarity). Controls degradation of MAP1B and MAP1S, and is critical for neuronal maintenance and survival.[UniProtKB/Swiss-Prot Function]