

Product datasheet for **MR220524L4V**

Ganab (NM_008060) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ganab (NM_008060) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ganab
Synonyms:	AU042638; G2an; Glull; mKIAA0088
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008060
ORF Size:	2898 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220524).
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_008060.1 , NP_032086.1
RefSeq Size:	3859 bp
RefSeq ORF:	2901 bp
Locus ID:	14376
UniProt ID:	Q8BHN3
Cytogenetics:	19 A



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Gene Summary:

Catalytic subunit of glucosidase II that cleaves sequentially the 2 innermost alpha-1,3-linked glucose residues from the Glc(2)Man(9)GlcNAc(2) oligosaccharide precursor of immature glycoproteins (PubMed:27462106). Required for PKD1/Polycystin-1 and PKD2/Polycystin-2 maturation and localization to the cell surface and cilia (PubMed:28375157).
[UniProtKB/Swiss-Prot Function]