

Product datasheet for **RC201236L2V**

GBP1 (NM_002053) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GBP1 (NM_002053) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GBP1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002053
ORF Size:	1776 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201236).
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_002053.1 , NP_002044.1
RefSeq Size:	3050 bp
RefSeq ORF:	1779 bp
Locus ID:	2633
UniProt ID:	P32455
Cytogenetics:	1p22.2
Domains:	GBP
MW:	67.9 kDa


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Gene Summary:

Guanylate binding protein expression is induced by interferon. Guanylate binding proteins are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP) and are distinguished from the GTP-binding proteins by the presence of 2 binding motifs rather than 3. [provided by RefSeq, Jul 2008]