

Product datasheet for **RC209939L4V**

GBP2 (NM_004120) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GBP2 (NM_004120) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GBP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004120
ORF Size:	1773 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209939).
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_004120.3
RefSeq Size:	4148 bp
RefSeq ORF:	1776 bp
Locus ID:	2634
UniProt ID:	P32456
Cytogenetics:	1p22.2
Domains:	GBP
MW:	67.2 kDa



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Gene Summary:

This gene belongs to the guanine-binding protein (GBP) family, which includes interferon-induced proteins that can bind to guanine nucleotides (GMP, GDP and GTP). The encoded protein is a GTPase which hydrolyzes GTP, predominantly to GDP. The protein may play a role as a marker of squamous cell carcinomas. [provided by RefSeq, Jul 2013]