

## Product datasheet for **RC220153L4V**

### **GIT1 (NM\_014030) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GIT1 (NM_014030) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GIT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014030
ORF Size:	2283 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220153).
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. <a href="#">More info</a>
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:	<a href="#">NM_014030.2</a>
RefSeq Size:	3758 bp
RefSeq ORF:	2286 bp
Locus ID:	28964
UniProt ID:	<a href="#">Q9Y2X7</a>
Cytogenetics:	17q11.2
Domains:	ArfGap, ANK, GIT
Protein Families:	Druggable Genome



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<b>Protein Pathways:</b>	Endocytosis, Epithelial cell signaling in Helicobacter pylori infection, Regulation of actin cytoskeleton
<b>MW:</b>	84.2 kDa
<b>Gene Summary:</b>	GTPase-activating protein for the ADP ribosylation factor family. May serve as a scaffold to bring together molecules to form signaling modules controlling vesicle trafficking, adhesion and cytoskeletal organization. Increases the speed of cell migration, as well as the size and rate of formation of protrusions, possibly by targeting PAK1 to adhesions and the leading edge of lamellipodia. Sequesters inactive non-tyrosine-phosphorylated paxillin in cytoplasmic complexes. Involved in the regulation of cytokinesis; the function may involve ENTR1 and PTPN13 (By similarity).[UniProtKB/Swiss-Prot Function]