

Product datasheet for **RC210451L4V**

GTPBP10 (NM_033107) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GTPBP10 (NM_033107) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GTPBP10
Synonyms:	ObgH2; UG0751c10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033107
ORF Size:	1161 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210451).
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_033107.2
RefSeq Size:	7550 bp
RefSeq ORF:	1164 bp
Locus ID:	85865
UniProt ID:	A4D1E9
Cytogenetics:	7q21.13
Domains:	GTP1_OBG
MW:	42.9 kDa


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Gene Summary:

Small G proteins, such as GTPBP10, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction (Hirano et al., 2006 [PubMed 17054726]). [supplied by OMIM, Mar 2008]