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Product datasheet for RC205663L3V

GTPBP5 (MTG2) (NM_015666) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GTPBP5 (MTG2) (NM_015666) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GTPBP5
Synonyms:	dJ1005F21.2; GTPBP5; ObgH1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015666
ORF Size:	1218 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205663).
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_015666.2
RefSeq Size:	2949 bp
RefSeq ORF:	1221 bp
Locus ID:	26164
UniProt ID:	Q9H4K7
Cytogenetics:	20q13.33
Domains:	GTP1_OBG
MW:	44 kDa

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Gene Summary: Small G proteins, such as GTPBP5, 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]