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Product datasheet for RC204441L3V

PIGB (NM_004855) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PIGB (NM_004855) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PIGB
Synonyms:	DEE80; EIEE80; GPI-MT-III; PIG-B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004855
ORF Size:	1662 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204441).`
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_004855.4
RefSeq Size:	2227 bp
RefSeq ORF:	1665 bp
Locus ID:	9488
UniProt ID:	Q92521
Cytogenetics:	15q21.3
Domains:	PMP
Protein Families:	Transmembrane

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Protein Pathways:	alpha-Linolenic acid metabolism, Arachidonic acid metabolism, Ether lipid metabolism, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Glycerophospholipid metabolism, Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, GnRH signaling pathway, Linoleic acid metabolism, Long-term depression, MAPK signaling pathway, Metabolic pathways, Vascular smooth muscle contraction, VEGF signaling pathway
MW:	64.9 kDa
Gene Summary:	This gene encodes a transmembrane protein that is located in the endoplasmic reticulum and is involved in GPI-anchor biosynthesis. The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene is thought to encode a member of a family of dolichol-phosphate-mannose (Dol-P-Man) dependent mannosyltransferases. [provided by RefSeq, Jul 2008]