

Product datasheet for **RC207270L4V**

C14orf45 (BBOF1) (NM_025057) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C14orf45 (BBOF1) (NM_025057) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C14orf45
Synonyms:	C14orf45; CCDC176; FBB10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025057
ORF Size:	1320 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207270).
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_025057.2
RefSeq Size:	3123 bp
RefSeq ORF:	1590 bp
Locus ID:	80127
UniProt ID:	Q8ND07
Cytogenetics:	14q24.3
MW:	61.8 kDa



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Gene Summary:

Basal body protein required in multiciliate cells to align and maintain cilia orientation in response to flow. May act by mediating a maturation step that stabilizes and aligns cilia orientation. Not required to respond to planar cell polarity (PCP) or flow-based orientation cues (By similarity).[UniProtKB/Swiss-Prot Function]