Product datasheet for RC227856L4V

beta COP (COPB1) (NM_001144061) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	beta COP (COPB1) (NM_001144061) Human Tagged ORF Clone Lentiviral Particle
Symbol:	beta COP
Synonyms:	BARMACS; COPB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001144061
ORF Size:	2859 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227856).
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_001144061.1
RefSeq Size:	3429 bp
RefSeq ORF:	2862 bp
Locus ID:	1315
UniProt ID:	P53618
Cytogenetics:	11p15.2
MW:	107.1 kDa

View online »

Gene Summary: This gene encodes a protein subunit of the coatomer complex associated with non-clathrin coated vesicles. The coatomer complex, also known as the coat protein complex 1, forms in the cytoplasm and is recruited to the Golgi by activated guanosine triphosphatases. Once at the Golgi membrane, the coatomer complex may assist in the movement of protein and lipid components back to the endoplasmic reticulum. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009]