

Product datasheet for **RC218124L4V**

FCHO2 (NM_138782) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FCHO2 (NM_138782) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FCHO2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138782
ORF Size:	2430 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218124).
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_138782.1 , NP_620137.1
RefSeq Size:	4909 bp
RefSeq ORF:	2433 bp
Locus ID:	115548
UniProt ID:	Q0JRZ9
Cytogenetics:	5q13.2
MW:	88.7 kDa


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Gene Summary:

Functions in an early step of clathrin-mediated endocytosis. Has both a membrane binding/bending activity and the ability to recruit proteins essential to the formation of functional clathrin-coated pits. Has a lipid-binding activity with a preference for membranes enriched in phosphatidylserine and phosphoinositides (Pi(4,5) biphosphate) like the plasma membrane. Its membrane-bending activity might be important for the subsequent action of clathrin and adaptors in the formation of clathrin-coated vesicles. Involved in adaptor protein complex AP-2-dependent endocytosis of the transferrin receptor, it also functions in the AP-2-independent endocytosis of the LDL receptor.[UniProtKB/Swiss-Prot Function]