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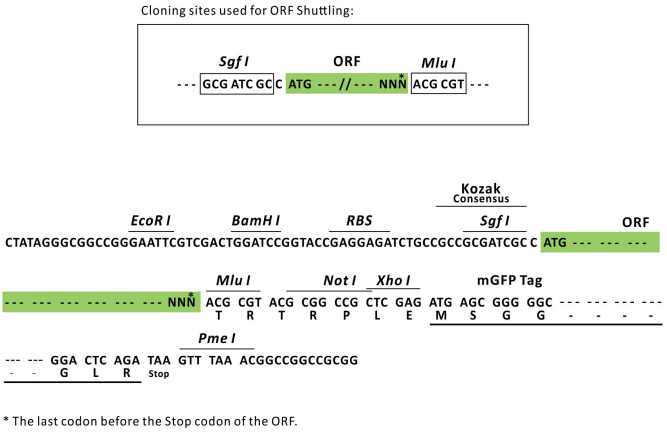
Product datasheet for RC212019L2

WIPF1 (NM_001077269) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WIPF1 (NM_001077269) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	WIPF1
Synonyms:	PRPL-2; WAS2; WASPIP; WIP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212019).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	



ACCN:	NM_001077269
ORF Size:	1509 bp

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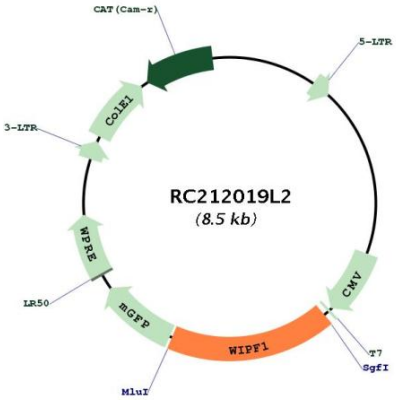
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001077269.1, NP_001070737.1
RefSeq Size:	4664 bp
RefSeq ORF:	1512 bp
Locus ID:	7456
UniProt ID:	O43516
Cytogenetics:	2q31.1
MW:	51.1 kDa
Gene Summary:	This gene encodes a protein that plays an important role in the organization of the actin cytoskeleton. The encoded protein binds to a region of Wiskott-Aldrich syndrome protein that is frequently mutated in Wiskott-Aldrich syndrome, an X-linked recessive disorder. Impairment of the interaction between these two proteins may contribute to the disease. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC212019L2