

Product datasheet for **SC336475**

WASF3 (NM_001291965) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WASF3 (NM_001291965) Human Untagged Clone
Tag:	Tag Free
Symbol:	WASF3
Synonyms:	Brush-1; SCAR3; WAVE3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336475 representing NM_001291965.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

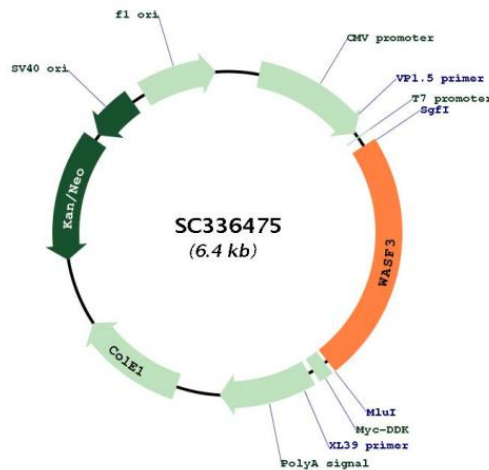
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Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN:

NM_001291965

Insert Size:	1500 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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:	<u>NM_001291965.1</u>
RefSeq Size:	4841 bp
RefSeq ORF:	1500 bp
Locus ID:	10810
UniProt ID:	<u>Q9UPY6</u>
Cytogenetics:	13q12.13
Protein Families:	Druggable Genome
Protein Pathways:	Adherens junction, Fc gamma R-mediated phagocytosis
MW:	55 kDa
Gene Summary:	<p>This gene encodes a member of the Wiskott-Aldrich syndrome protein family. The gene product is a protein that forms a multiprotein complex that links receptor kinases and actin. Binding to actin occurs through a C-terminal verprolin homology domain in all family members. The multiprotein complex serves to transduce signals that involve changes in cell shape, motility or function. A pseudogene of this gene have been defined on chromosome 6. Alternative splicing results in multiple transcript variants [provided by RefSeq, May 2014]</p> <p>Transcript Variant: This variant (2) lacks one exon and includes one alternate exon in the central coding region, compared to variant 1. The encoded isoform (2) has a shorter and distinct internal segment, compared to isoform 1.</p>