

Product datasheet for **SC337917**

WASH complex subunit 7 (WASHC4) (NM_001293640) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WASH complex subunit 7 (WASHC4) (NM_001293640) Human Untagged Clone
Tag:	Tag Free
Symbol:	WASH complex subunit 7
Synonyms:	KIAA1033; MRT43; SWIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001293640, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGTGGAGACTCTGTCCCGGACTGGGAGTTTGACCGCGTTGACGACGGCTCGCAGAAAATTCATG
CCGAAGTCCAACCTAAGAATTATGGGAAATTTCTTGAGGAGTATACCTCTCAACTGAGAAGAATTGAGGA
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GCTCTCTGCTCTAGTTTTGGCTGAAAACACTCTAAATGGACCAAGCACAAAGCAACGGCGACTTATTGTT
TCTTTGGCACTAAGTGTTGGCACACAAATGAAAACATTTAAAGATGAAGAACTCTTTCCACTTCAAGTAG
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GTCTGCTGATCTGTTGTGAAATGA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001293640
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:	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_001293640.1</u> , <u>NP_001280569.1</u>
RefSeq Size:	5833 bp

RefSeq ORF: 3525 bp

Locus ID: 23325

UniProt ID: [Q2M389](#)

Cytogenetics: 12q23.3

Gene Summary: This gene encodes a component of the WASH complex, which functions in the intracellular transport of endosomes. Mutations in this gene have been detected in individuals with autosomal recessive cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).