

Product datasheet for SC315239

WASH complex subunit 7 (WASHC4) (NM_015275) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WASH complex subunit 7 (WASHC4) (NM_015275) Human Untagged Clone
Tag:	Tag Free
Symbol:	WASH complex subunit 7
Synonyms:	KIAA1033; MRT43; SWIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_015275 edited

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ATGGCGGTGGAGACTCTGTCCCGGACTGGGAGTTTGACCGCGTTGACGACGGCTCGCAG
AAAATTCATGCCGAAGTCCAACCTAAGAATTATGGGAAATTTCTTGAGGAGTATACCTCT
CAACTGAGAAGAATTGAGGACGCTCTGGATGACTCAATTGGAGATGTTTGGGATTTCAAT
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AAAAGAGTGATTTCTGACAAAAATACAGCGAACAGCGTCTTGATGTGCTCTCTGCTCTA
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GAATTGCTGTATTTCTCACTGAGCAGTGAAGAATTTTCTCAGAGCAGACAAGACTGCG
GCTGAAGAAAACCAAGAAAAGAGAAGGAAGAAGAACTAAAACAAGCAATGGAGAC
CTGTCTGACAGCACTGTGTCTGTGATCCTGTTGTGAAATGA

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Restriction Sites:	NotI-NotI
ACCN:	NM_015275
Insert Size:	6200 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_015275.1.
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_015275.1](#), [NP_056090.1](#)

RefSeq Size: 5823 bp

RefSeq ORF: 3522 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 (2) uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.