

Product datasheet for RN213642

Daw1 (NM_001025025) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Daw1 (NM_001025025) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Daw1
 Synonyms: Wdr69
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN213642 representing NM_001025025
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAAGCTTAAGAGCCTCTTGCTTCGCTATTACCCACCAGGAATTATGCTGGAATATGAAAAGGCGGAG
 AATTAAGACCAATCCATAGATTTACTTGAGCTCAGTCTAGTACTGATGTCAACACCCTAGTAGGAGA
 GATCCAGAAAGTGGAGCCTCTGATCACAGCATCTCGGACAAAGCAAGTCAGACTCCTAGTCAGAGGCTT
 CAGGAGAAACTCCGGCAGCATTGCGACCACAATTCTACCTGTTAAGGTTCTCAGAGCACACATATTGC
 CCCTGACCAACGTGGCACTCAACAAAGCAGGCTCCTGTTTTATCAGGAAGCTACGATCCGACATGCAA
 GGTTTGGGACACAGCGTCTGGAGAGGAGCTGCACACCCTGGAAGGTCACAGGAATGTGGTCTATGCCATA
 GCCTTCAACAATCCGTACGGTGACAAAATCGCCACAGGGTCTTTCGACAAGACCTGTAACTCTGGAGTG
 CTGAGACGGGAAAGTGTACCACACCTTCAGGGGCCACACAGCAGAGATCGTGTGTTTATCATTCAACCC
 TCAGAGCACAGTGGTTGCCACGGGAAGTATGGATACGACGGCCAACTTTGGGACATTAGAGTGGAGAG
 GAAGTGGTCACTTAACCGGTCATTTGGCAGAAATCATTTCTTGTCTTTGACACCTCAGGAGACAGAA
 TCATCACAGGGTCTTTGACCACACAGTTGTAGTATGGGACGCTAGTACTGGAAGGAAGGTCACACTTT
 AATTGGCCACTGTGCAGAGATCAGCAGCGCCCTGTTTCAGCTGGGACTGCTCTCTAATACTAACCGGCTCT
 ATGGACAAGACCTGCATGCTGTGGGATGCTACAAGTGGGAAATGTGTAGCAACATTAACAGGCCATGACG
 ATGAGATCCTAGACAGCTGCTTTGACTACACTGGGAACTTATTGCAACAGCGTCTGCCGATGGAACAGC
 AAGAGTTTACAATGCAACCACAAGAAAGTGCATAACCAAATGGAAGGCCATGAAGGAGAAATCTCAAAG
 ATCTCTTCAATCCCAAGGAAACCGGCTCCTGACAGGCAGCTCTGATAAGACAGCCAGAATCTGGGATG
 TTCAGACTGGCCAGTGCCTCCAGGTCCTCGAGGGGCACACTGATGAAATATTTTCATGTGCTTTCAACTA
 TAAAGGGAATATAGTCATTACAGGCAGCAAGGACAATTCCTGCAGGATATGGCGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001025025
Insert Size:	1248 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_001025025.1</u> , <u>NP_001020196.1</u>
RefSeq Size:	1697 bp
RefSeq ORF:	1248 bp
Locus ID:	363267
UniProt ID:	<u>Q5BK30</u>
Cytogenetics:	9q34
Gene Summary:	May play a role in axonemal outer row dynein assembly.[UniProtKB/Swiss-Prot Function]