

Product datasheet for SC331706

DNAH8 (NM_001206927) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DNAH8 (NM_001206927) Human Untagged Clone
Tag: Tag Free
Symbol: DNAH8
Synonyms: ATPase; hdhc9; SPGF46
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331706 representing NM_001206927.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001206927

Insert Size:

14124 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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: [NM_001206927.1](#)

RefSeq Size: 14639 bp

RefSeq ORF: 14124 bp

Locus ID: 1769

UniProt ID: [Q96JB1](#)

Cytogenetics: 6p21.2

MW: 538.6 kDa

Gene Summary: The protein encoded by this gene is a heavy chain of an axonemal dynein involved in sperm and respiratory cilia motility. Axonemal dyneins generate force through hydrolysis of ATP and binding to microtubules. [provided by RefSeq, Jan 2012]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. The combination of exons in the 5' UTR and 5' coding region is inferred based on alternate 5' end sequences in PMID 12297094.