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Product datasheet for SC318716

DNAJC13 (NM_015268) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: DNAJC13 (NM_015268) Human Untagged Clone

Tag: Tag Free

Symbol: DNAJC13

Synonyms: PARK21; RME8

Vector: pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_015268, the custom clone sequence may differ by one or more nucleotides

ATGAACATAATTAGGGAAAATAAGGATCTGGCATGTTTCTACACAACAAAACATTCATGG
AGGGGGAAGTATAAGCGTGTCTTTTCAGTTGGAACTCATGCGATTACTACATATAATCCC
AATACCTTAGAAGTAACAAATCAGTGGCCTTATGGAGACATTTGCAGCATCAGCCCTGTT
GGAAAAGGACAAGGAACGGAGTTCAACCTCACATTTCGTAAAGGCAGTGGAAAAAAGTCA
GAAACTTTAAAATTTTCTACAGAGCACAGAACAGAACTTCTTACAGAAGCATTGAGATTT
AGAACTGATTTTTCAGAGGGAAAAATCACAGGAAGGAGATACAACTGCTATAAGCATCAC
TGGAGTGACTCAAGAAAACCTGTAATTTTGGAAGTAACTCCAGGAGGCTTTGACCAAATT
AATCCTGCAACCAACAGAGTACTCTGTTCCTATGACTATAGAAATATTGAAGGATTTGTA
GATCTCTCAGATTATCAAGGAGGATTTTGTATACTTTATGGAGGATTTAGTAGATTGCAT
TTATTTGCGTCAGAGCAAAGAGAAGAGATTATTAAAAGTGCAATAGACCATGCTGGTAAC
TACATAGGTATTTCATTGCGGATCAGGAAAGAGCCTTTAGAATTCGAGCAATATTTGAAT
CTTCGCTTTGGAAAATACAGCACTGATGAATCCATCACATCTTTAGCAGAGTTTGTAGTC
CAAAAAATATCACCTAGACATTCGGAGCCTGTTAAAAGAGTTCTAGCACTTACAGAAACA
TGTTTAGTAGAACGTGATCCGGCAACCTATAATATTGCAACATTGAAGCCTTTAGGAGAA
GTATTTGCGTTGGTCTGTGACTCAGAAAATCCACAACTTTTTACCATTGAATTTATAAAA
GGGCAAGTACGGAAATATTCTTCAACAGAGAGAGATTCCTTATTAGCAAGTTTGCTGGAT
GGAGTAAGAGCCTCTGGTAATAGAGATGTTTGTGTAAAAATGACACCAACCCATAAAGGT
CAGCGATGGGGGTTACTCAGCATGCCTGTTGATGAGGAAGTAGAGAGCCTTCACCTCAGG
TTCTTAGCTACGCCTCCAAATGGCAACTTTGCAGATGCTGTATTCAGGTTCAATGCTAAT
ATTTCATACAGTGGAGTCCTACATGCAGTAACACAAGATGGTCTCTTCTCAGAAAACAAA
GAAAAACTGATCAATAATGCCATAACAGCATTACTGTCCCAAGAAGGGGATGTCGTTGCT
TCAAATGCGGAACTTGAGAGTCAGTTCCAGGCTGTGAGGAGGCTTGTGGCATCCAAAGCT
GGTTTCCTGGCTTTCACTCAGCTTCCAAAGTTTCGCGAGCGTCTAGGGGTGAAGGTAGTA
AAAGCACTCAAAAGAAGCAACAACGGAATAATCCATGCAGCAGTTGATATGCTTTGTGCC
CTTATGTGTCCCATGCATGATGACTATGACTTAAGACAAGAACAGTTGAACAAAGCTTCT
CTTCTCTCGTCAAAGAAGTTTCTGGAAAACTTACTGGAGAAATTTAATTCCCATGTGGAT
CATGGGACTGGTGCCCTAGTTATTAGTTCGCTCTTGGACTTCCTTACCTTTGCCCTCTGT
GCTCCATATAGTGAGACAACTGAAGGGCAGCAGTTTGATATGCTCTTGGAGATGGTAGCA
TCCAATGGAAGAACCCTTTTTAAACTTTTTCAGCATCCTTCCATGGCAATAATAAAAGGA

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GCTGGGTTGGTTATGAAGGCAATAATAGAGGAAGGTGATAAAGAAATTGCTACAAAAATG
CAGGAGCTTGCCCTAAGTGAAGGTGCCTTACCTCGACACTTGCATACTGCGATGTTTACA
ATAAGCTCAGATCAAAGGATGCTTACAAATAGACAGCTAAGTAGACATTTAGTGGGACTC
TGGACAGCTGATAATGCAACTGCAACAAACTTGTTGAAACGCATTTTGCCGCCAGGCTTG
CTGGCATACTTGGAAAGCTCAGATCTCGTACCTGAGAAGGATGCTGATCGGATGCATGTT
AGAGACAATGTGAAAATAGCAATGGATCAGTATGGAAAATTTAATAAAGTTCCAGAGTGG
CAAAGACTAGCTGGAAAAGCTGCTAAAGAAGTTGAAAAATTTGCCAAAGAAAAAGTGGAT
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AAGCCAGTGGTTCTTCGAAAGAGAAGACAAAGAATAAAAATAGAAGCAAATTGGGATCTC
TTCTATTATAGGTTTGGTCAAGACCATGCCAGGTCAAACCTTATTTGGAATTTCAAAACA
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CTTGGAAGTGCAAATGTGATCTCCTGGAACCACCATGAGTTTGAGGTTAAATATGAGTGC
CTGGCAGAGGAAATTAAAATAGGAGACTATTACCTGAGATTACTATTGGAGGAAGATGAG
AATGAAGAAAGTGGATCAATTAAGAGATCGTATGAATTTTTCAATGAGCTTTATCATCGC
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TTAGAGAGGTGCACAGATAAACTTGAACGAGATAGGTTGATTCTCTTCCTTAACAAGTTG
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GACTTGCTTACCCTTGCACATCTCCATGTAAGCCGAGCTACAGTACCACTGCAAAGCAAT
GTAATTGAAGCTGCTCCAGATATGAAAAGAGAGAGTGAAAAGGAATGGTATTTTGGCAAC
GCAGACAAAGAAAGGAGTGGCCCGTATGGATTTCATGAGATGCAAGAATTGTGGACCAAA
GGAATGTTAAATGCAAAAACCAGATGCTGGGCTCAAGGCATGGATGGATGGCGACCACTT
CAGTCCATACCCCAGCTTAAGTGGTGTCTCTTAGCCAGTGGACAGGCTGTCCTGAATGAA
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AGGGATCAAGACAATGCCATCATTCGGCCTCTACCCAAAGTGAAAAGACTGCTGTCAGAT
AGCACTTGCCTTCCCCATATTATTCAGCTACTGCTGACCTTTGACCCTATCCTTGTTGAG
AAGGTTGCTATTTTGTTATACCATATCATGCAAGATAACCCACAGTTACCCCGCCTTTAT
CTGAGTGGAGTATTTTTCTTTATCATGATGTACACAGGTTCCAATGTGCTTCCTGTTGCT
CGATTTTTGAAATACACACATACCAAACAGGCTTTCAAGTCAGAAGAGACAAAAGGACAA
GATATTTTTCAGAGAAGTATACTTGGGCACATTCTACCTGAAGCAATGGTTTGTTACTTA
GAAAATTATGAACCTGAAAAGTTTTCTGAGATTTTTCTAGGAGAATTTGATACTCCAGAA
GCAATCTGGAGCAGTGAAATGAGGCGCCTGATGATAGAGAAGATTGCTGCCCATCTCGCG
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ATAATCAACTATCCACAACTCGAAAATGAACTATTTTGTAATATTTATTACCTCAAACAA
CTGTGTGATACACTCCGGTTTCCAGATTGGCCAATTAAAGACCCGGTTAAGCTTCTAAAA
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AGGAAAGCTTACTTCAGACTTGCACAAAAGTACCACCCTGATAAGAATCCAGAAGGGAGG
GACATGTTTGAAAAAGTAAATAAAGCATATGAATTTTTATGTACCAAATCAGCAAAAATA
GTGGATGGGCCAGATCCAGAGAATATAATTTTAATTCTAAAAACACAGAGCATCCTCTTC
AACCGTCATAAAGAAGATTTACAGCCTTATAAATATGCAGGATACCCCATGCTTATTCGG
ACTATAACAATGGAAACTTCAGATGACCTCCTTTTCTCAAAAGAATCACCATTGTTGCCT
GCGGCTACAGAGCTAGCTTTCCATACTGTCAACTGTTCAGCCCTCAATGCTGAAGAGCTC
AGAAGAGAGAATGGACTAGAGGTGTTACAAGAGGCATTTAGTCGCTGTGTGGCTGTCTTG
ACTCGTGCTAGTAAACCAAGTGACATGTCAGTACAGGTGTGTGGATACATAAGTAAATGC
TACAGTGTGGCTGCTCAGTTTGAGGAATGCCGAGAGAAGATCACGGAAATGCCTAGCATC
ATCAAGGATCTCTGTCGGGTACTATATTTTGGCAAGAGTATTCCCCGCGTAGCTGCTCTT
GGGGTAGAATGTGTCAGTTCTTTTGCTGTGGATTTCTGGCTACAGACACACCTATTTCAG
GCTGGAATTTTGTGGTATCTCCTTGGTTTTCTGTTTAATTATGACTACACACTAGAAGAG
AGTGGCATTCAGAAAAGTGAAGAAACAAACCAGCAGGAGGTAGCAAACAGCCTTGCCAAA
CTGAGTGTCCATGCTCTGAGTCGCCTTGGAGGGTATTTGGCTGAAGAACAAGCAACTCCA
GAAAATCCAACCATAAGGAAAAGCTTAGCTGGCATGCTGACACCCTATGTTGCTAGAAAA

CTTGCTGTGGCTAGTGTGACTGAGATTTTGAAGATGCTTAACAGCAACACAGAAAGTCCA
TATTTGATATGGAACAATTCTACAAGAGCAGAATTACTTGAATTTCTTGAATCCCAACAA
GAAAACATGATTAAAAAAGGTGATTGTGACAAAACTTATGGATCAGAATTTGTCTACAGT
GATCATGCCAAAGAACTTATTGTAGGGGAGATTTTTGTTAGGGTGTATAATGAAGTTCCT
ACTTTCCAACTGGAGGTTCCAAAAGCATTTGCTGCAAGTCTCTTGGATTATATAGGCTCG
CAGGCCCAATACTTGCACACATTCATGGCCATCACACACGCGGCAAAAGTGGAGTCAGAG
CAACATGGAGATCGCTTACCGAGAGTAGAAATGGCTTTGGAGGCTCTGAGAAATGTCATA
AAATACAATCCAGGTTCTGAGAGTGAATGCATTGGGCACTTTAAGTTGATATTTTCTCTT
CTCCGAGTTCATGGAGCTGGTCAAGTGCAGCAGTTGGCTTTAGAGGTTGTGAATATAGTG
ACATCTAACCAAGACTGTGTCAACAATATTGCTGAATCAATGGTTTTGTCCAGTTTATTG
GCTCTTCTACATTCATTGCCATCAAGTCGTCAGCTTGTTCTGGAAACTCTTTATGCTTTG
ACATCGAGTACAAAAATAATCAAAGAAGCAATGGCAAAGGGTGCTTTGATCTATTTACTG
GATATGTTCTGCAATTCAACACATCCACAGGTTCGAGCCCAAACAGCAGAACTTTTTGCC
AAAATGACAGCAGATAAACTGATAGGTCCAAAGGTTCGAATTACGTTAATGAAATTTCTA
CCAAGCGTTTTCATGGATGCTATGAGAGACAATCCTGAAGCTGCTGTACATATTTTTGAA
GGAACTCATGAAAATCCTGAGTTAATTTGGAATGATAATTCCAGAGATAAAGTGTCCACA
ACAGTTAGGGAAATGATGCTAGAGCACTTTAAAAATCAGCAGGACAACCCTGAGGCAAAC
TGGAAGTTGCCTGAAGATTTTGCTGTGGTGTTTGGAGAAGCAGAGGGTGAACTTGCTGTT
GGAGGAGTCTTCTTGAGGATCTTTATTGCACAACCAGCCTGGGTTCTAAGAAAGCCTAGA
GAATTTCTTATTGCCCTGTTAGAAAAATTAACTGAGCTCCTAGAGAAGAACAATCCTCAT
GGAGAAACTCTGGAAACCTTGACAATGGCAACAGTGTGTCTCTTCAGCGCACAACCTCAG
CTGGCAGATCAGGTCCCGCCATTGGGCCATCTTCCCAAAGTTATCCAGGCAATGAATCAT
AGGAACAATGCCATTCCTAAGAGTGCCATTCGGGTTATCCATGCCTTGTCTGAAAATGAG
CTGTGTGTTCGAGCCATGGCATCTTTAGAGACCATTGGCCCACTGATGAATGGAATGAAA
AAGCGAGCAGATACTGTTGGTCTAGCCTGTGAAGCAATTAATCGAATGTTTCAGAAGGAG
CAGAGTGAATTAGTAGCACAAGCCCTGAAAGCAGATTTGGTTCCATACCTCTTAAAATTA
CTCGAAGGCATTGGCCTTGAAAACCTGGACAGCCCAGCAGCCACTAAGGCTCAGATTGTT
AAAGCTCTCAAGGCAATGACTCGAAGTTTGCAGTATGGAGAACAGGTGAATGAAATCCTG
TGCCGTTCTTCAGTCTGGAGTGCCTTCAAAGATCAGAAACATGATTTGTTCATTTCTGAG
TCACAAACAGCAGGATACCTCACAGGACCTGGAGTTGCTGGCTACCTTACCGCAGGTACA
TCTACATCAGTCATGTCTAACCTGCCACCTCCTGTAGACCATGAGGCAGGCGACCTTGGC
TATCAGACT

Restriction Sites: Please inquire

ACCN: NM_015268

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_015268.3, NP_056083.3
RefSeq Size:	7551 bp
RefSeq ORF:	6732 bp
Locus ID:	23317
UniProt ID:	O75165
Cytogenetics:	3q22.1
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the Dnaj protein family whose members act as co-chaperones of a partner heat-shock protein by binding to the latter and stimulating ATP hydrolysis. The encoded protein associates with the heat-shock protein Hsc70 and plays a role in clathrin-mediated endocytosis. It may also be involved in post-endocytic transport mechanisms via its associations with other proteins, including the sorting nexin SNX1. Mutations in this gene are associated with Parkinson's disease. [provided by RefSeq, Jun 2016] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. It encodes isoform 2, which is shorter than isoform 1.