

Product datasheet for **SC101385**

DNAJC13 (AK098729) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC13 (AK098729) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC13
Synonyms:	PARK21; RME8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AK098729, the custom clone sequence may differ by one or more nucleotides

ATGACACCAACCCATAAAGGTCAGCGATGGGGTTACTCAGCATGCCTGTTGATGAGGAAGTAGAGAGCC
 TTCACCTCAGGTTCTTAGCTACGCCTCCAAATGGCAACTTTCAGATGCTGTATTCAGGTTCAATGCTAA
 TATTTATACAGTGGAGTCTACATGCAGTAACACAAGATGGTCTCTTCTCAGAAAACAAAGAAAACTG
 ATCAATAATGCCATAACAGCATTACTGTCCCAAGAAGGGGATGTCGTTGCTTCAAATGCGGAACCTGAGA
 GTCAGTTCCAGGCTGTGAGGAGGCTTGTGGCATCCAAAGCTGGTTTCTGGCTTCACTCAGCTTCCAAA
 GTTTCGCGAGCGTCTAGGGGTGAAGGTAGTAAAAGCACTCAAAGAAGCAACAACGGAATAATCCATGCA
 GCAGTTGATATGCTTTGTGCCCTTATGTGTGAAGTAGTAGTTTTCTTAAGGAACTGGTTTTTCTTAA


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5' Read Nucleotide Sequence:	>OriGene 5' read for AK098729 unedited <pre> TTCAAATTTTGTAAACGAACTCACTATAGGGCGGCCGCGATTTCGGCACGAGGCAAGTTT GCTGGATGGAGTAAGAGCCTCTGGTAATAGAGATGTTTGTGTAATAATGACACCAACCCA TAAAGGTCAGCGATGGGGTTACTCAGCATGCCTGTTGATGAGGAAGTAGAGAGCCTTCA CCTCAGGTTCTTAGCTACGCCTCCAAATGGCAACTTTCAGATGCTGTATTTCAGGTTCAA TGCTAATATTTTCATACAGTGGAGTCCTACATGCAGTAACACAAGATGGTCTCTTCTCAGA AAACAAAGAAAACTGATCAATAATGCCATAACAGCATTACTGTCCCAAGAAGGGGATGT CGTTGCTTCAAATGCGGAACCTTGAGAGTCAGTTCCAGGCTGTGAGGAGGCTTGTGGCATC CAAAGCTGGTTTCTGGCTTTCCTCAGCTTCCAAAGTTTCGCGAGCGTCTAGGGGTGAA GGTAGTAAAGCACTCAAAGAAGCAACAACGGAATAATCCATGCAGCAGTTGATATGCT TTGTGCCCTTATGTGTGAAGTAGTAGTTTTCTTAAGGAACTGGTTTTCTTAAGTTGA CTGGTGGTTTTGATTTCCACAGTCCCAGATTTTCATTGTACCAATAAGTCTTGTTTTCT GTTTCATAAATTGTTCTCATAGTTACTCANACCTTTGTTTAGCATATCCTAAATACCAGG CATGGTGTGTGTGCCAGAAATTCANAGATCTTAGACACAGAAGNNTCTTTCTTTCTCA CTNTGNNTGACAGTCTGGNTNANGGTANGGCATATCTGTACAAGGTANGGTAATNTANGG GCACTATTAGGATCTTGAAAGCAACTTNATATTTTGTGTTTGGGATAAGGGGGGAAAAAT ATAAAAAGATTCTCACCCAGTCTTCTGGGGGAGATGTACCATTNGATCTGATNTCTGAAA GGACGCCAGGAATTTCTACTCTGAAGGCTCCTTGCGGGGGGGGGGAAAGCAAT </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK098729
Insert Size:	4700 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:	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:	AK098729.1 , BAC05394.1
RefSeq Size:	1439 bp
RefSeq ORF:	489 bp
Locus ID:	23317
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]