

Product datasheet for SC115089

DNAJC8 (NM_014280) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC8 (NM_014280) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC8
Synonyms:	HSPC331; SPF31
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115089 sequence for NM_014280 edited (data generated by NextGen Sequencing) <pre> ATGGCGGCTTCAGGAGAGAGCGGGACTTCAGGCGGCGGAGGCAGCACCGAGGAAGCATT ATGACCTTCTACAGTGAGGTGAAACAAATAGAGAAGAGAGACTCGTTCTAACTTCGAAA AATCAGATTGAAAGACTGACCCGTCCTGGTTCCTTACTTCAATTTGAACCCATTTGAG GTTCTTCAGATAGATCCTGAAGTTACAGATGAAGAAATAAAAAAGAGTTTCGGCAGTTA TCCATCTTGGTGCATCCTGACAAAAATCAAGATGATGCTGACAGAGCACAAAAGGCTTTT GAAGCTGTGGACAAAGCTTACAAGTTGCTACTGGATCAGGAGCAAAAGAAGAGGGCCCTG GATGTAATTCAGGCAGGAAAAGAATACGTGGAACACACTGTGAAAGAGCGAAAAAACAA TTAAAGAAGGAAGGAAAACCTACAATTGTAGAGGAGGATGATCCTGAGCTGTTCAAACAA GCTGTATATAAACAGACAATGAACTCTTTCAGAGCTGGAAATTTAAAGGAAAGAGAGA GAAGCCAAAGAGATGCATGAAAGGAAACGACAAAGGGAAGAGATTGAAGCTCAAGAA AAAGCCAAACGGGAAAGAGAGTGGCAGAAAACTTTGAGGAAAGTCGAGATGGTCGTGTG GACAGCTGGCGAACTTCCAAGCCAATACGAAGGGGAAGAAAGAGAAGAAAAATCGGACC TTCCTGAGACCACCGAAAGTAAAAATGGAGCAACGTGAGTGA </pre>

Clone variation with respect to NM_014280.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014280 unedited ATTTTGGTATACGACTCACTTATAGGGCGGCCGATTCCGCACGAGGCGGGGAAATGGC GGCTTCAGGAGAGAGCGGGACTTCAGGCGGCGGAGGCAGCACCGAGGAAGCATTATGAC CTTCTACAGTGAGGAATAAAGATGGCATATAGCATACCAGAGATTCATTCCAACATAGCAT TCCAACCTGACAGTGACACCAAGAATGTTTTCTGGGACTGCCTGGTGTGTTGTTCTCCC TGGCATTGTCTTCAGGTGAAACAAATAGAGAAGAGAGACTCGTTCTAACTTCGAAAAAT CAGATTGAAAGACTGACCCGTCCTGGTTCCTCTTACTTCAATTTGAACCCATTTGAGGTT CTTCAGATAGATCCTGAAGTTACAGATGAAGAAATAAAAAAGAGGTTTCGGCAGTTATCC ATCTTGGTGCATCCTGACAAAAATCAAGATGATGCTGACAGAGCACAAAAGGCTTTTGAA GCTGTGGACAAAGCTTACAAGTTGCTACTGGATCAGGAGCAAAAGAGGGCCCTGGAT GTAATTACGGCAGGAAAAGAATACGTGGAACACACTGTGAAAGAGCGAANAAAAACAATT AAAGAAGGAAGGAAAACCTACAATTGTAGAGGAGGATGATCCTGAGCTGTTCANACAAGC TGTATATAAACAGACAATGAACTCTTTGCAGAGCTGGAATTANAAGGAAGAGAGAGAA GCCAAGAGATGCATGAAAGGAAACGACAAAGGGAAGAAGAGATTGAAGCTCAAGAAAAAG CCACACGGGGAAGAGAGTGGCAGAANAACCTTTGTAGAAAGTCGAGATGGTCGTGTGNACA GCTGGCGAAACTTCAAGCCATACGAAGGGGAGAAAAGAGAGAAAATCGGACCTCCTGG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_014280 unedited ACCGCGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTGGGTATAAAATTTATT ATACATAAAGAATATTACCACTAACAAATGCAGACAGGCTAGGACATGGTACTGGGTGGA GGACGGCTAGCTCTTTGGAAAGTGAAAGGTTTGGGTGGCGTGGGCCTCATGCCCACTGA TTGGTCAGTAGACAGGGGACATGCCAAACACCACAGGGCATCAGATGCTGCTCTGTGT GCTCACAAGTGTTCCCTGTCTTATCTGGGCCTTCGAAGGGAGCACCCAGAAGCGAGCA ACTGAAGCGAAGGGGCTTCCTAAGGTGCCCTTCAGGCTTGTCTCTGAAGTCACAGCAA CACTGTTTTAAGCAGTATGTTTAATTGGATGATTTCCACAACTATCCACGAAGTTTCTA ACCATCACAATTCAGTGAAGTACAAAACACTGAGTTACAGGCTGTGGGAAGAGAAGGCAG CACCAATGGTGGCACCTTCTAATACTGGTTGTTCTACGGGCAGGGAGAGGGAAAGGTCTT TTTTTAACCAAGCCCCTCATTTCAATGTACAAAAGAATTACTCTGATCGATATTAATC GTATTGAAAAACAAAATGGACTAAAAAGCAAATACTACTCTATGTTGGGGTGGAATGGG AAGAAAAATGAGTCCTTTCAAACAGGAAGGGAGATAGCACGGGAAAGGTTCTGTGCCTGG AACTTGGGCGGCACCTACGTTGTTCTTTTACTTTCGGGGTCTTAAGAAGGTCCATTTTT TTTTTTTTTTCCCTTCGTATGGTTGAAGTTTCGCAGCTGGCACACACCATTTGAATTTT TTAGAGTTTTTCCCCTCTTCCGGTTGGATTTTTTGGCCTAAACCTTTTTCTTGGCGT CCCTTAGCAA
Restriction Sites:	NotI-NotI
ACCN:	NM_014280
Insert Size:	1650 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:	<u>NM_014280.1, NP_055095.1</u>
RefSeq Size:	1525 bp
RefSeq ORF:	795 bp
Locus ID:	22826
UniProt ID:	<u>O75937</u>
Cytogenetics:	1p35.3
Domains:	Dnaj
Gene Summary:	Suppresses polyglutamine (polyQ) aggregation of ATXN3 in neuronal cells (PubMed:27133716).[UniProtKB/Swiss-Prot Function]