

Product datasheet for **SC124457**

DNAJC22 (NM_024902) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC22 (NM_024902) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJC22
Synonyms:	wus
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024902, the custom clone sequence may differ by one or more nucleotides

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ATGGCCAAGGGGCTCCTGGTGACCTATGCCCTCTGGGCTGTGGGGGCCCTGCTGGGCTCCACCACCTGT
ACCTGGGAAGGGACAGCCACGCCCTGCTCTGGATGCTGACCCTGGGGGGAGGTGGGCTGGGCTGGCTCTG
GGAGTTCTGGAAGCTCCCAAGCTTTGTAGCTCAGGCCAACAGAGCCAGGGACAGAGGCAGAGCCCCAGA
GGGGTGACACCCCTCTGAGTCCCATTGCTTTGCTGCCAGGTGATAGTTGGCATCTATTTTGGCCTTG
TGGCACTGATTAGCCTTTCTCCATGGTCAACTTCTATATTGTGGCCCTCCCACTGGCAGTTGGCTTAGG
GGTCTTGCTGGTGGCTGCTGTTGGCAACCAGACCTCAGACTTTAAGAACAACCTCTGGGGTCAGCATTCTC
ACTTCACATATCTCTATGGCCGCCCATAGCCATACTGCCATTAGCGTGGCCGCCAGCATTACAGCTC
AGAGGCATCGCCGCTACAAAGCTTTGGTGGCATCAGAGCCGCTCAGTGTGCGGCTCTATCGTCTGGGCTT
GGCTTACCTTGCTTTACAGGCCCACTGGCATAAGTGCCTCTGCAACACAGCTGCCACCTCAGCTAT
GTGGCAGAAACCTTTGGCTCCTTCTTGAATTGGTTCAGCTTCTTCCCCTTCTTGGCCGCTCATGGAGT
TTGTCCTCCTTCTGCCTTACCGGATCTGGAGGCTACTGATGGGGGAGACTGGCTTCAACAGCAGCTGCTT
TCAGGAGTGGGCGAAGCTCTATGAGTTTGTTCACAGTTTTTCAGGATGAGAAGCGTCAGCTGGCTTACCAG
GTTTTGGGCTCTCAGAAGGGCAACAAATGAAGAAATACATCGGAGTTACCAGGAGCTAGTGAAGGTCT
GGCACCCAGACCACAACCTGGACCAGACAGAGGAGGCACAGAGGCACTTCTGGAGATCCAGGCTGCGTA
TGAAGTCTGAGTCAACCCAGGAAGCCCTGGGGATCCCGGAGGTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024902 unedited</p> <pre>TCAAATTTTGTAAACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGGGACCTCG GAGATCCCACGAGATTGCCAGAGAAGAAATTGAGGCCAAGAAGCTGCATGACTTAGCCA AGTTCACGGAGTAGAACCCGGGATTGGAGCCCGGGACATTGAAATGAAGGCGTCTTGCAT TGCAGCTCCGTTGCAGCGCAGAGGCGCAGGAAGGCAGACTACCACGAGCCTTGGGCTGCG GCCTCGCCCTCCTGGTCGAGCCTCCTGCCCTCCAACCTCTGCTCCCGTTTCTCCCTCTG GTTCATAGCCCGGGGACAGAGCAGCCCTGGATTGGGAGGCTCCTCAGGTCTCAGGCTCA GGTGCAGAAGCAGAGCCCTAACTGGAAGGCTCGGAGGTGGGCCGGTGAAGCAAGCAAGC CCTGTGGGGGTTGAGGACAGCTTGGGTTGGATGTCCCTCACTGCAGCCTGTCCGTGGAT GTCTCTGCCTTAAGGGAATTGGAGGTGGAACCATCCAGTCTTGAAGGTCAACGGAGCGTG AAGAGAGGAGCGTGCAGCTTGGGGTCTAAGGATAACTCTGGGGCCATGACAGCCATGAG TCTCACAGAGGACCCCGAGACTTCTGTGCTGCGAGTAACCGGACTTGTCTGAGACCTTT GCCCTAGAGGATGGCCAAGGGGCTCCTGGTGACCTATGCCCTCTGGGCTGTTGGNGGGG CCTGCTGGGCTCCACCACCTGTACCTGNGAAGGGACAGCCACGCCCTGCTCTGGATGCTG ACCTGGGGGAGGTTGGGCTGGGCTCTGGGAGTCTGGAAGCTNCCAAGCTTTG TAGCTCAGGCCAAGAGAGCCCAAGGACAGAGGCAGAGCCANNAGGGTACACCCCTC TGAGTCCCATTCGCTTGTGNCCAGTGATANTGGCATCTATTTGGNCCTGTGCACTGANT AGCTTCTTCATGGNCACTCTTAATGG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024902 unedited</p> <pre>NGGTCCTACTATGNACCGCGGCACGCACCTCNAGAGATCGAGTTTTTTTTTTTTTTTTTT TTTTTTGAGACACGAGTTTCACTCTTGTGCCAGCTGGAGTGCAGTGGCGTGATCTCGG CTCACTGCAACCTCCGCCTCTCAAGTTCAGTGATTCTCCTGCCTCAGCCTCCCAAGTAG CTGGGACTACAGGTGCCTGCCACCACTCCTGGCTAATTTTTTGTATTTTGTAGTAGAGCG AAGTTTCACTATATTGGCCAGGCTGCTGGTCTCGAACTCCTGACCTCGTGATCTGCCCGC CTCGGCCCTCCAAAGTGCTGGGATTACAGGCATGAGCCACCACGCCAGCCCTGCAAGC AGTTTTCTTAACTCTGTTGGGATGCCATTCGTGGGCAAAGCTAGATTTGGGACAAGTTGC CCAGCTCTGCTAGGAAGAGTCACTCCTCAAGGGGAAGTTTCTTTTCACTCCGGGATCCC CAAGGCTTCTGGGTTGACTCAAGACTTCATACGCAGCCTGGATCTCCAGGAAGTGCCCT TGTGCCCTCCTGTCTGGTCCAAGTTGTGGTCTGGGTGCCAGACCTTCACTAGCTCCTGG TAACTCCGATGTATTTCTCATTTGTTGCCCCTTCTGAGAAGCCAAAACCTGGTAAGCC AGCTGACGCTTCTCATCCTGAAAAGTGTGAACAACTCATAGAGCTTGGCCCACTCCTG AAAGCAGCTGCTGTTGAAGCCAGTCTCCCCATCAGTAGCCTCCAAATCCGTAAGCAG AAAGAGGACAAACTCCATGAAGCGGCCAAAAGGGGAAAAAAGCTGAACAATCCAGAA AGACCCAAAGTTTCTGCCACATANCTGAGGGTGGCAACTGTGGTGCANAAGGCACCTGTA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_024902
Insert Size:	1900 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:	NM_024902.2 , NP_079178.2
RefSeq Size:	1854 bp
RefSeq ORF:	1026 bp
Locus ID:	79962
UniProt ID:	Q8N4W6
Cytogenetics:	12q13.12
Domains:	Dnaj
Protein Families:	Transmembrane
Gene Summary:	<p>May function as a co-chaperone.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein. 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.</p>