OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC122481

DNAJB8 (BC029521) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJB8 (BC029521) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNAJB8
Synonyms:	DJ6; DnaJ (Hsp40) homolog, subfamily B, member 8; DnaJ homolog, subfamily B, member 8; MGC33884
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

```
>OriGene sequence for BC029521 edited
GGCTGGCCCCACAGCGGCAGTGTCCCTCCCCTCCCCCCACTCCTCTCAGTGGGGGCCCCT
CCAGTCCCTGAGAATTGGTACTACGAAAAGGTGAACTCCTGGGCAGAATCTTGCCTAGAG
CTTGCGGAGTCCAGCCAGGCCCCTGCTGAAGGGCCCCAGACCACCGGCCACTTCTCCCCC
GTCCATCTGACCAGCTGGGCCCCTGCGCCCACCTGGCCTCCACGTTCCCTCTCCTCTCAC
CCACACCCCTGGCCATGGCTAACTACTACGAAGTGCTGGGCGTGCAGGCCAGCGCTTCCC
CGGAGGACATCAAGAAAGCCTACCGCAAGCTGGCCCTTCGTTGGCACCCCGACAAGAACC
CTGACAATAAGGAGGAGGCGGAGAAGAAGTTCAAGCTGGTGTCTGAGGCCTATGAGGTTC
TGTCTGACTCCAAGAAACGCTCCCTGTATGACCGTGCTGGCTGTGACAGCTGGCGGGCTG
GTGGCGGGGCCAGCACGCCCTACCACAGCCCCTTCGACACCGGCTACACCTTCCGTAACC
CTGAGGACATCTTCCGGGAGTTTTTCGGTGGCCTGGACCCTTTCTCCTTTGAGTTCTGGG
ACAGCCCATTCAATAGTGACCGTGGTGGCCGGGGCCATGGCCTGAGGGGGGCCTTCTCGG
CAGGCTTTGGAGAATTTCCGGCCTTCATGGAGGCCTTCTCATCCTTCAACATGCTGGGCT
GCAGCGGGGGCAGCCACACCACCTTCTCATCCACCTCCTTCGGGGGCTCCAGTTCTGGCA
GCTCGGGGTTCAAGTCGGTGATGTCGTCCACCGAGATGATCAATGGCCACAAGGTCACCA
CCAAGCGCATCGTGGAGAACGGGCAGGAGCGCGTGGAGGTGGAGGAAGACGGGCAGCTCA
AGTCGGTGACTGTGAACGGCAAGGAGCAGCTCAAATGGATGGACAGCAAGTAGGCGCTGG
CCACCCGGCCCTGCCTTCCCACCACCACCACCGTGCATGGGGCAGCAAACACGTGGGGCC
GCAGACATAGCCTGATGGTTAATAAATGTGCCAAGTGAGTTCATGACAAAAAAAAAAAAA
AA
```


View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for BC029521 unedited
NAAGCGAATCGTATTTGTAAACGACTCATATAGGCGGCCGCACTAACTTCTATAGCATAC
ATTATATCTAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGGG
CTGGCCCCACAGCGGCAGTGTCCCTCCCCTCCCCCCACTCCTCTCAGTGGGGGCCCCTCC
AGTCCCTGAGAATTGGTACTACGAAAAGGTGAACTCCTGTGCAGAATCTTGCCTAGAGCT
TGCGAAGTCCAGCCAGGCCCCTGCTGAAGGGCCCCAGACCACCGGCCACTTCTCCCCCGT
CCATCTGACCAGCTGGGCCCCTGCGCCCACCTGGCCTCCACGTTCCCTCTCCTCTCACCC
ACACCCCTGGCCATGGCTAACTACTACGAAGTGCTGGGCGTGCAGGCCAGCGCTTCCCCG
GAGGACATAAAGAAAGCCTACCGCAAGCTGGCCCTTCGTTGGCACCCCGACAAGAACCCT
GACAATAAGGAGGAGGCGGAGAAGAAGTTCAAGCTGGTGTCTGAGGCCTATGAGGTTCTG
TCTGACTCCAAGAAACGCTCCCTGTATGACCGTGCTGGCTGTGACAGCTGGCGGGCTGGT
GGCGGNGCCAGCACGCCCTACCACAGCCCCTTCGACACCCGCTACACCTTCCGTAACCCT
GAGGACATCTTCCGGGGATTTTTCGGTGGCCTGGACCCTTTCTCCTTTGAGTTCTGGACA
GCCCATTCATAATGACCGAGGTGACCCGGGGCCATGGCCTGAAGGGGGCCTTCTCGGAGG
CTTTGGGAAATTTCGGCCCTTATGGAGGCCTTTTAACCTTCAACATGCTGGGCTGCAACG
GGGGCAGACACACCACCTTTTAATCCACCTTCTATCGGGGGCT

Restriction Sites: Please inquire

ACCN: BC029521

Insert Size: 1082 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: BC029521.1, AAH29521.1

RefSeq Size: 1082 bp

Locus ID: 165721

Cytogenetics: 3q21.3

Gene Summary: The protein encoded by this gene belongs to the DNAJ/HSP40 family of proteins that regulate chaperone activity. This family member suppresses aggregation and toxicity of polyglutamine proteins, and the C-terminal tail is essential for this activity. It has been implicated as a cancer-testis antigen and as a cancer stem-like cell antigen involved in renal cell carcinoma. [provided by RefSeq, Jun 2012]