

Product datasheet for RC208426

DNAJC25 (NM_001015882) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNAJC25 (NM_001015882) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DNAJC25
Synonyms:	bA16L21.2.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208426 representing NM_001015882 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGCGCGCTGCTCTCCCGGCTGGGGAGCCGGGGCTGCCGGCCGGCGCTGGTGGATGCTGCTGG
CGCCCCGCTGCCGGCGCTGCTGCTGGTGGCGCCCGGGGGCCCTGGTGGAGGGGCTCTACTGCGGCAC
GCGGGACTGCTACGAGGTGCTGGCGTGAGCCGCTCGGCGGGCAAGGCGGAGATCGCGGGGCTACCGC
CAGCTGGCCCGGCTACCACCCTGACCCTACCGGCCAGCCCGGAGACGAGGGCCCCGGCGGACGC
CGCAGAGCGCCGAGGAGCTTTCCTGCTGGTGGCAACCGCTACGAGACTCAAGGATGAAGAAACACG
AAAAGATTATGATTACATGCTGGATCATCCAGAAGAGTACTACAGCCATTACTACCACTACTATAGCAGG
CGCTTGGCCCCTAAGGTGGATGTTAGAGTAGTATTTGGTCAGCGTGTGTGCTATTTCCGTGTTTCAGT
TTTTGCTGGTGAATAGCTACAATAAGGCAATCAGCTACCTAGCCACAGTGCCCAAGTACCGTATCCA
AGCTACAGAGATTGCCAAGCAGCAGGGACTGCTCAAAAAAGCCAAAGAAAAAGGCAAAAAAGTCC
AAAGAAGAAATTCGTGACGAGGAGGAGAATCATAAAGAATTTATAAAAAAGTAAATAGATATAAAGG
GGGGCTATCAGAAACCCAAATCTGTGATCTTCTCCTGTTTCAAATTATCTTAGCTCCTTTTACCTATG
CTCATATATAGTTTGGTATTGTCGGTGGATCTATAATTTAACATCAAAGGCAAAGAATATGGAGAGGAA
GAGAGATTATACATTATACGTAATCTATGAAGATGCAAGTCTCAATTTGATAGCTAGAAGATCATC
AGAAAGAACTTTTCTTAAACGAGAGCTCTGGATCAAGGAGAATTATGAGGTCTACAAGCAAGAACAAGA
GGAAGAATTAAGAAAAAGTTGGCAATGACCCAGATGGAAGAGATACAGGAGATGGATGAAGAATGAA
GGGCTGGCGGTTAACATTTGTGGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >RC208426 representing NM_001015882
Red=Cloning site Green=Tags(s)

MGAPLLSPGWGAGAAGRWWMLLAPLLPALLLVRPAGALVEGLYCGTRDCYEVLVGVSRSAGKAEIARAYR
 QLARRYHPDRYRPQPGDEGPGRTPQSAEEAFLLVATAYETLKDEETRKDYDMLDHPPEEYSHYHYYSR
 RLAPKVDVRVILVSVCAISVFQFFSWNSYNKAI SYLATVPKYRIQATEIAKQQGLLKKAKEKGNKKS
 KEEIRDEEENI IKNI IKSKIDIKGGYQKPQICDLLL FQIILAPFHLCSYI VWYCRWIYNFN IKGKEYGEE
 ERLYIIRKSMKMSKQFDSL EDHQETFLKRELWIKENYEVYKQE QEELKKKLANDPRWKRYRRWMKNE
 GPGR LTFVDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1545_g12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_001015882

ORF Size: 1080 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001015882.3](#)

RefSeq Size: 2268 bp

RefSeq ORF: 1083 bp

Locus ID: 548645

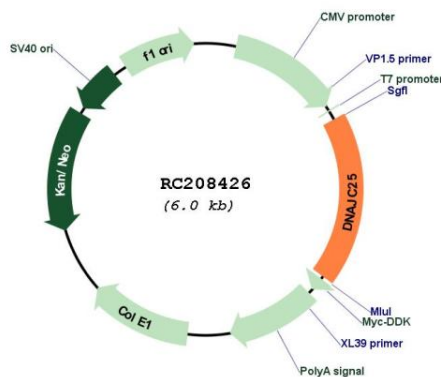
UniProt ID: [Q9H1X3](#)

Cytogenetics: 9q31.3

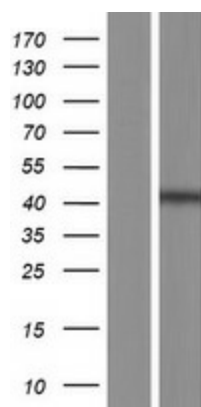
Protein Families: Transmembrane

MW: 42.2 kDa

Product images:



Circular map for RC208426



Western blot validation of overexpression lysate (Cat# [LY423131]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC208426 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).