

Product datasheet for **RC208435**

Dystrobrevin beta (DTNB) (NM_183360) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dystrobrevin beta (DTNB) (NM_183360) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dystrobrevin beta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC208435 representing NM_183360
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATTGAGGAAAGTGGGAACAAGCGGAAGACCATGGCAGAGAAGAGGCAGCTGTTCATAGAAAATGCGTG
 CTCAGAATTTTGTATGTCATACGACTATCAACTACAGAACAGCCTGCAAATTACGATTTGTACAAAAACG
 ATGCAACCTTCATCTTGTGATATCTGGAACATGATTGAAGCCTCCGAGACAATGGCCTTAATACACTG
 GACCATACCACCGAGATCAGTGTGTCCCGCTCGAAAAGTGCATCTCCTCCATCTACTATCAGTTGAACA
 AGCGCCTTCACTACTACCAAATAGTGTGGAACAATCTATCAGCCTCCTCCTCAACTTTATGACTGC
 TGCATATGACAGTGAGGGCCGAGGCAAGTTGACGGTATTTTCAGTTAAAGCTATGTTAGCAACCATGTGT
 GGTGGAAAAATGCTGGACAAATGAGATATGTTTTCTCCAGATGTCAGATTCCAATGGCTTAATGATAT
 TTAGCAAGTTGACCAGTTTCTGAAGGAAGTTCTGAAGCTCCCAACAGCTGTCTTTGAAGGGCCATCTTT
 TGTTTACACAGAGCACTCAGTCCGCACCTGTTTTCCACAGCAGAGAAAGATAATGCTAAAATGTTTTTA
 GACACAATGATGGCTGACCTCCTCCCAAGTGCCTTGTCTGGCTACCTCTCATGCACAGGCTTGCCCATG
 TTGAGAATGTCTTACATCCCGTGGAGTGCTCCTACTGCCGATGTGAGAGTATGATGGGTTCCCGGTACCG
 ATGCCAGCAGTGCCACAACATCAGCTCTGCCAGAATTGCTTTTGGCGTGGCCATGCCGGCGGCCCTCAC
 AGCAACCAGCACCAGATGAAGGAGCATTCTCTTGAAAATCTCCTGCAAAGAAGCTGAGCCATGCAATTA
 GTAATCTTTGGGGTGTGTACCCACGAGAGAACCCCGCATCTGTTTTCTGAGCAACCAGAGAAAACC
 ACTTGACCTTGCACATAGTTCCTCCTCGCCCTGACTAATATGAATGACACCATGGTTAGCCACATG
 TCCTCTGGAGTGCCCACTCCCAACAGAGTTACAGTATAGCCAGGATATACCCAGTCACTTGCCCGATG
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 GAACTGGAGCAGAGGATGTCGGCCCTGCAGGAGCAGGCGGGAGCTGATGGTCCAGCTGGAAGAGCTGA
 TGAAGTTGCTGAAGGAGGAAGAGCAAAGCAGGCAGCTCAGGCCACAGGGTCACCACATACATCGCCAC
 CCATGGAGGCGGCCGCAATGCCATGCCAGTGCCTCCACGTCTGCCGCTCCACCCCACTGT
 CCGCAGGACTCGCTGAGCGGAGTCGGGGAGAGCTGCAGGAGCCTTCGACAAGGTACGAGGAGAAACC
 TCCGCAATGACCTGCTGGTGGCAGCTGACTCCATACCAACACCATGTCATCCCTGGTGAAGGAGCTCCA
 TTCAGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208435 representing NM_183360
 Red=Cloning site Green=Tags(s)

MIEESGNKRKTMAEKRQLFIEMRAQNFVIRLSTYRTACKLRFVQKRCNLHLVDIWNMIEAFRDNGLNLT
 DHTTEISVSRLETVISSIYYQLNKRLHSTHQISVEQSI SLLLNFMTAAAYDSEGRKLT VFSVKAMLATMC
 GGKMLDKLRYVFSQMSDSNGLMIFSKFDQFLKEVLKLP TAVFEGPSFGYTEHSVRTCFPQQRKIMLNMFL
 DTMMADPPPQCLVWLPLMHLRAHVENVLHPVECSYCRCE SMMGFRYRCQQCHNYQLCQNCFWRGHAGGPH
 SNQHQMKEHSSWKSPAKKLSHAISKSLGCVPTREPPHPVFPEQPEKPLDLAHI VPPRPLTNMNDTMVSHM
 SSGVPTPTKRLQYSQDIPSHLADEHALIASYVARLQH CARVLDSPSRLDEEHRLIARYAARLAAEAGNVT
 RPPTDL SFNFDANKQQRQLIAELENKNREILQEIQRLRLEHEQASQPTPEKAQQNP TLLAELRLLRQRKD
 ELEQRM SALQESRRELMVQLEELMKLLKEEEQKQAAQATGSPHTSP THGGGRMPMPV RSTAGSTPTH C
 PQDSL SGVGGDVQEAFAQGT RRNLNRNDLLVAADSI TNTMSSLVKELHSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

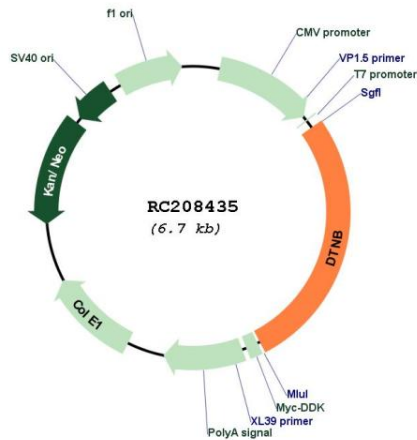
https://cdn.origene.com/chromatograms/mg3523_a02.zip

Cytogenetics: 2p23.3

MW: 69.1 kDa

Gene Summary: This gene encodes dystrobrevin beta, a component of the dystrophin-associated protein complex (DPC). The DPC consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and dystrobrevin alpha and beta. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Dystrobrevin beta is thought to interact with syntrophin and the DP71 short form of dystrophin. [provided by RefSeq, Mar 2016]

Product images:



Circular map for RC208435