

Product datasheet for RC230773

TMEM126B (NM_001193538) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMEM126B (NM_001193538) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TMEM126B
Synonyms: HT007; MC1DN29
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC230773 representing NM_001193538
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGCATCTATGCATGGTCAGCCCAGTCTTCTCTAGAAGATGCAAACTCAGAAGACCAATGGTCA
 TAGAAATCATAGAAAAAATTTGACTATCTTAGAAAAGAAATGACACAAAATATATATCAAATGGCGAC
 ATTTGGAACAACAGCTGGTTTCTCTGGAATATTCTCAAACCTTCTGTTCCAGACGCTGCTCAAGGTAAA
 CATGATGCTTTGAAGACATATGCATCATTGGCTACACTCCATTTTTGTCTACTGTTGTTACTGACAAGC
 TTTTTGTAATTGATGCTTTGTATTAGATAATATAAGCAAGGAAAAGTGTGTTTTGAGAAGCTCACTGAT
 TGGCATAGTTTGTGGTGTCTTCTATCCCAGTCTTTGGCTTTTACTAAAAATGGACGCCTGGCAACCAAG
 TATCATACCGTTCCACTGCCACCAAAAGGAAGGTTTTAATCCATTGGATGACGCTTTGTCAAAACAAA
 TGAAATTAATGGTGATTCTCTAGTCTTTCAGATTATGTTTGAATATTAATGGTCTATACCATTATGC
 AGTATTTGAAGAGACTTGAGAAAACATACATGAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC230773 representing NM_001193538
 Red=Cloning site Green=Tags(s)

MAASMHGQPSPLEDAKLRRPMVIEIEKNFDYLRKEMTQNIYQMATFGTTAGFSGIFSNFLFRRCFKVK
 HDALKTYASLATLPFLSTVVTDKLFVIDALYSDNISKENCVFRSSLIGIVCGVFYPSLAFTKNGRLATK
 YHTVPLPPKGRVLIHWMTLCQTQMKLMVIPLVFQIMFGILNGLYHYAVFEETLEKTIHEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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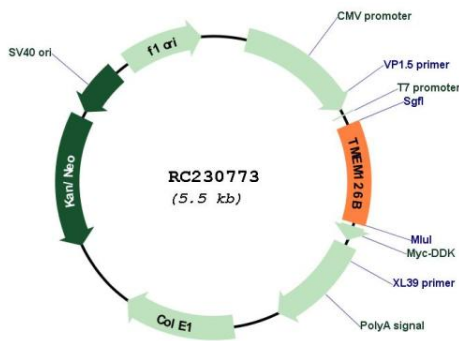
Cytogenetics: 11q14.1

Protein Families: Transmembrane

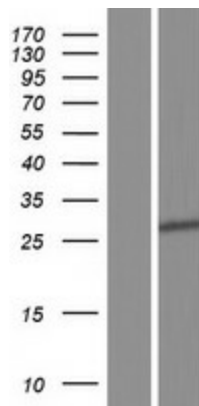
MW: 23.2 kDa

Gene Summary: This gene encodes a mitochondrial transmembrane protein which is a component of the mitochondrial complex I assembly complex. The encoded protein serves as an assembly factor that is required for formation of the membrane arm of the complex. It interacts with NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 13. Naturally occurring mutations in this gene are associated with isolated complex I deficiency. A pseudogene of this gene has been defined on chromosome 9. [provided by RefSeq, Apr 2017]

Product images:



Circular map for RC230773



Western blot validation of overexpression lysate (Cat# [LY433772]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC230773 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).