

Product datasheet for RC202587

TMEM177 (NM_030577) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TMEM177 (NM_030577) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TMEM177
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC202587 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGGTCCCCTGTGGCGGACCGCAGCATTGTGCAGAGACACAGGACAGGCCTCTTGGTGGTTCTCT
GTGCAGGCCTGTTGGAGTTCAGTCTCGTACCACCTCTCCCGGATCCCGTGGTCCAATGGCTACCA
GTACTGGCCTCAGGGCCAGCCAGCTCCGCTCCCTCCACAGCTGCAGAGCCTCTTCCAAGAGGTGCTACAG
GACATAGGTGTTCTTCAGGCCATTGCTACAAGCCCTTACCACCTTCCAGCCTGTGAGTGCAG
GCTTCCAAGACTCCCTGCTGGGCTGTGGTGGGCATCCCTGCCAGTTTCTTGGGAGACCTAGTGATCAA
CACTAACCATCCCGTGGTCATACATGGGCATACAGTGGACTGGCGGAGCCAGCAGGCGCCCGGCTGAGA
GCTTCCCTGACCTGTCCCGTGAAGCCAGAAGTTCGCCCTGGCCAGGGAAGTGGTGTACCTGGAAGCA
GTACCACTGCCGTGCACGCCCTGCTGGCCCAGCTTGCCTGGCAGGGACCTGGGCACTGGGCGTGGGTGC
CAAGTACACCCTGGGCTCCATGCAGGCCCATGAATTTACGGGCTGCCTCAGCTTGGTGGCAGCAGTG
GCAGGCTTGTGGCCTACGCCTTCTCCAGGATTCTCTACTCATGCCGTGGAGTCTGGCTGGACCGCC
GCACGGCCTCCCTCTCTGCAGCCTATGCCTGTGGTGGAGTGGAGTCTATGAGAAGCTTCTGTGGGCAA
CCTGGCCCTGCGAGTCTTGGGCAAAGAGGGGAGAAGCTGTATACCCAGCGGGAACATCGTCCCC
AGACACTTGTCCGAATCAAACATTTACCTACACCACCCCGGGACTCTGTGCTGCAGATGTGGAGGG
GGATGCTCAATCCGGGCCGCTCC

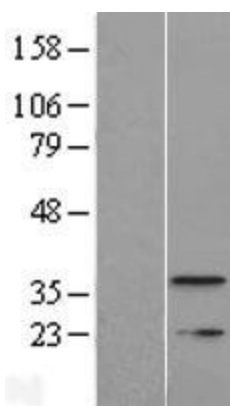
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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ACCN:	NM_030577
ORF Size:	933 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.
RefSeq:	NM_030577.1 , NP_085054.1
RefSeq Size:	1418 bp
RefSeq ORF:	936 bp
Locus ID:	80775
UniProt ID:	Q53S58
MW:	33.8 kDa
Gene Summary:	Plays a role in the early steps of cytochrome c oxidase subunit II (MT-CO2/COX2) maturation and is required for the stabilization of COX20 and the newly synthesized MT-CO2/COX2 protein.[UniProtKB/Swiss-Prot Function]

Product images:



Western blot validation of overexpression lysate (Cat# [LY426223]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC225439] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).