

Product datasheet for **RC210984**

Otoraplin (OTOR) (NM_020157) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Otoraplin (OTOR) (NM_020157) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: Otoraplin
Synonyms: FDP; MIAL1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC210984 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAAGAATATTGTTACTTTTCTCCCGGTCTTGTGGCTGTATGTGCTGTGCATGGAATATTTATGG
ACCGTCTAGCTTCCAAGAAGCTCTGTGCAGATGATGAGTGTGTCTATACTATTTCTCTGGCTAGTGCTCA
AGAAGATTATAATGCCCGGACTGTAGATTCATTAACGTTAAAAAAGGGCAGCAGATCTATGTGACTCA
AAGCTGGTAAAAGAAAATGGAGCTGGAGAATTTGGGCTGGCAGTGTATGGTGTATGGCCAGGACGAGA
TGGGAGTCGTGGTTATTTCCCGAGGAAGCTGGTCAAGGAACAGCGTGTGTACCAGGAAGCTACCAAGGA
AGTTCCACCACGGATATTGACTTCTTCTGCGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC210984 protein sequence
Red=Cloning site Green=Tags(s)
MARILLFLPGLVAVCAVHGIFMDRLASKKLCADDECYVTISLASAQEDYNAPDCRFINVKKGQQIYVYS
KLVKENGAGEFWAGSVYGDQDEMGVVGYFPRNLVKEQRVYQEATKEVPTTDIDFFCE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6371_e02.zip

Restriction Sites: SgfI-MluI

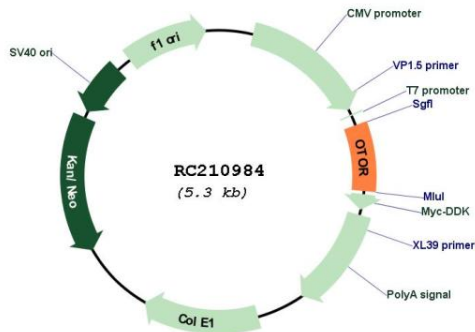


[View online »](#)

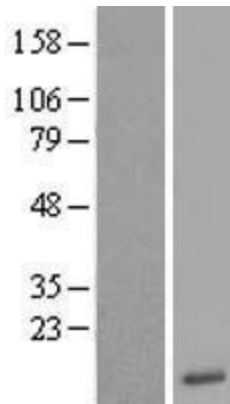
Cytogenetics: 20p12.1
Protein Families: Secreted Protein, Transmembrane
MW: 14.3 kDa

Gene Summary: This gene encodes a member of the melanoma-inhibiting activity gene family. The encoded protein is secreted via the Golgi apparatus and may function in cartilage development and maintenance. A frequent polymorphism in the translation start codon of this gene can abolish translation and may be associated with forms of deafness. [provided by RefSeq, Jul 2013]

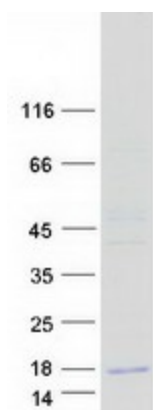
Product images:



Circular map for RC210984



Western blot validation of overexpression lysate (Cat# [LY412640]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210984 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified OTOR protein (Cat# [TP310984]). The protein was produced from HEK293T cells transfected with OTOR cDNA clone (Cat# RC210984) using MegaTran 2.0 (Cat# [TT210002]).