



*OTULIN* (NM\_138348.6) - cDNA + Protein - 2024-11-24

GGAAACCGCC CCGGCGGCTG AGAGGCTGCG GCCACTGCCT GGCACCCCGA -59  
CGGGAGGGGC TCCGGATCGT TCGGAGCCGG CTGAACCCCT TCGGCCGCGA -9  
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Me tSerArgGly ThrMetProG lnProGluAl aTrpProGly 14

GCGAGCTGCG CCGAGACGCC GGC GCGGGAG GCGGCGGCCA CGGCGCGGGA 92  
AlaSerCysA laGluThrPr oAlaArgGlu AlaAlaAlaT hrAlaArgAs 31

CGGCGGGAAG GCGGCGGCCA GCGGGCAGCC GCGGCCCGAG ATGCAGTGCC 142 Q40R  
pGlyGlyLys AlaAlaAlaS erGlyGlnPr oArgProGlu MetGlnCysP 48

CGGCCGAGCA TGAGGAGGAC ATGTACCGTG CTGCAGATGA AATAGAAAAG 192  
roAlaGluHi sGluGluAsp MetTyrArgA laAlaAspGl uIleGluLys 64

GAGAAAGAAT TGCTTAACA TGAAAGAGGG GCATCAGAAC CGAGATTAAG 242 I70T  
GluLysGluL euLeuIleHi sGluArgGly AlaSerGluP roArgLeuSe 81

CGTAGCTCCT GAAATGGATA TCATGGACTA CTGCAAAAAA GAATGGAGAG 292 V82I M86I  
rValAlaPro GluMetAspI leMetAspTy rCysLysLys GluTrpArgG 98

GAAATACACA GAAAGCAACG TGTATGAAAA TGGGCTATGA AGAGGTTTCT 342  
lyAsnThrGl nLysAlaThr CysMetLysM etGlyTyrGl uGluValSer 114

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uArgAlaThr LeuPheGlnA laMetSerGl nAlaValGly LeuProProT 148

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TGAGG ACCTG GTTG ATAAA TTAAAG AGTC CCTT ACTCTG CTGAG GAAGA 592  
nGluAspLeu ValAspLysI leLysGluSe rLeuThrLeu LeuArgLysL 198

AGTGG GCAGG CTTG GCTGAA ATGAGA ACTG CTGAAG CAAG ACAGAT AGCT 642 W199R L202F  
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CysAspGluL euPheThrAs nGluAlaGlu GluTyrSerL euTyrGluAl 231

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luLysGlyLy sGluValPro PhePheSerV alLeuLeuPh eAlaArgAsp 264

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ACACACTGGT GGTCTTGAAC AGGTTGAAAT GTTCCTTCTT GCCTATGCTG 892

yHisThrGly GlyLeuGluG lnValGluMe tPheLeuLeu AlaTyrAlav 298

TGCGCCACAC CATCCAGGTG TACCGGCTCT CCAAGTACAA CACGGAAGAA 942 R306Q

alArgHisTh rIleGlnVal TyrArgLeuS erLysTyrAs nThrGluGlu 314

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rLeuIleAla GluAspAspA rgHisTyrAs nIleProVal ArgValCysG 348

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luGluThrSe rLeuStop

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