

Product datasheet for **MR230540**

Otud5 (NM_001290536) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Otud5 (NM_001290536) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Otud5
Synonyms:	AA407879; AI553596; BB114028; DUBA; DXImx46e; Sfc7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR230540 representing NM_001290536
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTATTCTCCCCAAAAGAAGCCGCCACTCCCGACGCCACCCGGCCAACGAACCGCCGCCGCCG
 GGCCGCTGCCCCGGCGCCTCGGCGCGGTGCGGGTGTAGGCGTGGGTGGCGGCGGCACGGGTGTGGGCGG
 AGGAGAGCGCGACCGTGACTCCGGCGTCTGGGGGCCCGTCCCCGGGCTTCGCCGCCACCTCAGGGCCCG
 CCCCCGGGGCGCCTGGTCTTTCATCGTTGGGCACTGGCCGTGCCGCCTGGCGCAGTCGCGGGCCCTC
 GGCCACAGCAGGCTTCTCACCTCCTTGTGGGGCCCCGGTGGCCCCGGCGGGTCTGGTGACGCTCT
 TGGTGCACAACGCGGGGTGGCGCGGCAGGGTGGTGGTGGCGTGGTGGTACCGTGGCGTGGG
 GGCTGCTGCTCGGGGCCGGGCACAGCAAGCGCGCGCTCAAGCTCCCGCGTGGCGCAGTTGGCGGG
 CCAGTCCGGAACGTGAAGAGGTGGAGCGGGCTACAACAGTGAAGACGAGTATGAAGCTGCCGACGCGG
 AATCGAGGCCATGGATCCCGCCACTGTAGAACAGCAGGAACACTGGTTTAAAAGCCTTCCGGGACAAG
 AAAGGCTTCATCATCAAGCAGATGAAGGAGGACGGTGCCTGTCTATTTCCGGCTGTAGCTACCAGGTGT
 ATGGAGACCAGGACATGCATGAGGTTGTTGAAAGCATTGCATGGACTATCTGATGAAGAACGCTGATTA
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 AACCATCAACACATTCCATGGGATCCATCAAAATGAAGTGAACCCATCCGTGTGAGCTACCACCGGAA
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 AGCAAATGCTGGAAGACAAGAAACGAGCTACAGACTGGGAGGCCACAAATGAGGCCATAGAGGAGCAGT
 GGCTCGAGAATCTTACCTTCAGTGGCTGAGGGATCAAGAGAAACAGGCCCGCCAGGTCCGGGACCCAGC
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 CTAGTCGGTCCCCACGGCAACGAAGTTCAGCCTCGTCACTGAGCACCTGAACTGCATGCCAGCTAGG
 CATTAAAGCCCCCTCCCCAGGCACTGTGTAGCTCTTGCCAAACCTCCTTACCCTGTGCACCAGGTACA
 AGCAGTCAGTCTCAGCAGGGGGTATCGGGCCACCTCTCTTGTGTCCCTTACCCTGCTCTGGAGT
 GCCGGGCCCTCATCCAGCAGATGCCCCCTCTGCCTTTCAGGTCTGAATGATTGGGACGATGATGAGT
 CCTAGCATCGGTGCTGGCAGTGTCCAACAGGAATACCTAGACAGTATGAAGAAAAACAAGTGCACAGA
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ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230540 representing NM_001290536
 Red=Cloning site Green=Tags(s)

MTILPKKKPPPDADPANEPPLPPAPRRGAGVGVGGGTGVGGGERDRDSGVVGARPRASPPQGP
 LPGPPGALHRWALAVPPGAVAGPRPQQASPPPCGGPGGGPGDALGATTAGVGAAGVVVGGTVGVG
 GCCSGPGHSKRRRQAPGVGAVGGASPEREEVAGYNSDEYEAAAARIEAMDPATVEQEHWFKALRDK
 KGFIIKQMKEDGACL FRAVADQVYGDQDMHEVVRKHCM DYLMKNADYF SNVYTEDFTTYINRKRKNCHG
 NHIEMQAMAEMYNRVVEVYQYSTEPINTFHGIHQNEDEPIRVSYHRNIHYSVVPNKATIGVGLGLPSF
 KPGFAEQSLMKNAIKTSEESWIEQMLEDKKRATDWEATNEAIEEQVARESYLQWLRDQEKQARQVRGPS
 QPRKASATCSSATAAASSGLEWT SRSPRQRSSASSPEHPELHAE LGIKPPSPGTVLALAKPPSPCAPGT
 SSQF SAGDRATSPLVSLYPALECRALIQMSPSAFAGLNDWDDDEILASVLAVSQEYLD SMKKNKVHR
 EPPPKS

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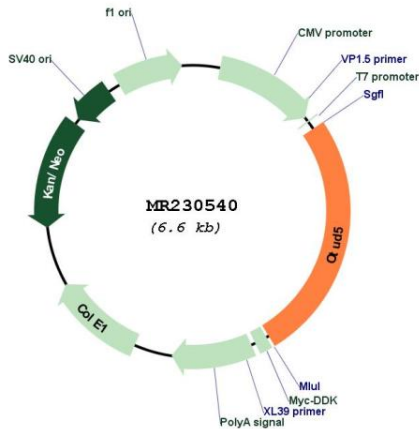
Restriction Sites:

Sgfl-Mlul

Gene Summary:

Deubiquitinating enzyme that functions as negative regulator of the innate immune system. Acts via TRAF3 deubiquitination and subsequent suppression of type I interferon (IFN) production. Has peptidase activity towards 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. Can also cleave 'Lys-11'-linked ubiquitin chains (in vitro) (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR230540