

Product datasheet for **MR208940**

Otud5 (NM_138604) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Otud5 (NM_138604) 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:

>MR208940 representing NM_138604
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTATTCTCCCCAAAAGAAGCCGCCACTCCCGACGCCACCCGGCCAACGAACCGCCGCCGCCG
 GGCCGCTGCCCCGGCGCCTCGGCGCGGTGCGGGTGTAGCGTGGGTGGCGGCGGCACGGGTGTGGGCGG
 AGGAGAGCGCGACCGTGACTCCGGCGTCTGGGGGCCCGTCCCCGGGCTTCGCCGCCACCTCAGGGCCCG
 CCCCCGGGCGCCTGGTCTTTCATCGTTGGGCACTGGCCGTGCCGCCTGGCGCAGTCGCGGGCCCTC
 GGCCACAGCAGGCTTCTCACCTCCTTGTGGGGCCCCGGTGGCCCCGGCGGGTCTGGTGACGCTCT
 TGGTGCACAACGCGGGGTGGCGCGGCAGGGTGGTGGTGGCGTGGTGGTACCGTGGGCGTGGG
 GGCTGCTGCTCGGGGCCGGGCACAGCAAGCGCGCGCTCAAGCTCCCGCGTGGCGCAGTTGGCGGG
 CCAGTCCGGAACGTGAAGAGGTGGAGCGGGTACAACAGTGAAGACGAGTATGAAGCTGCCGCAGCGCG
 AATCGAGGCCATGGATCCCGCCACTGTAGAACAGCAGGAACACTGGTTTAAAAGGCCTTCCGGGACAAG
 AAAGGCTTCATCATCAAGCAGATGAAGGAGGACGGTGCCTGTCTATTTCCGGCTGTAGCTACCAGGTGT
 ATGGAGACCAGGACATGCATGAGGTTGTTGAAAGCATTGCATGGACTATCTGATGAAGAACGCTGATTA
 CTTCTCCAATATGTCACAGAAGACTTACCACCTATATCAACCAGGAAAGCGAAAAACAAGTCCATGGC
 AACCATCAACACATCCATGGGATCCATCAAAATGAAGTGAACCCATCCGTGTGAGCTACCACCGGAA
 TATCCACTATAATTCAGTGGTGAATCCTAACAAGGCCACTATTGGTGTGGGGTGGGCTACCGTCAAT
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 AGCAAATGCTGGAAGACAAGAAACGAGCTACAGACTGGGAGGCCACAAATGAGGCCATAGAGGAGCAGT
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 CAGCCCCGAAAGCCAGTGCCACATGCAGTTCAGCCACAGCAGCAGCCTCCAGTGGCCTGGAGGAATGGA
 CTAGTCGGTCCCCACGGCAACGAAGTTCAGCCTCGTCACTGAGCACCTGAACTGCATGCCAGCTAGG
 CATTAAAGCCCCCTCCCCAGGCACTGTGTAGCTCTTGCCAAACCTCCTTACCCTGTGCACCAGGTACA
 AGCAGTCAGTCTCAGCAGGGGGTATCGGGCCACCTCTCTTGTGTCCCTTACCCTGCTCTGGAGT
 GCCGGGCCCTCATCCAGCAGATGCCCCCTCTGCCTTTGGTCTGAATGATTGGGACGATGATGAGATCCT
 AGCATCGGTGCTGGCAGTGTCCCAACAGGAATACCTAGACAGTATGAAGAAAAACAAGTGCACAGAGAG
 CCACCCCAAGACAAGAGT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208940 representing NM_138604
 Red=Cloning site Green=Tags(s)

MTILPKKKPPPDADPANEPPLPPAPRRGAGVGVGGGTGVGGGERDRDSGVVGARPRASPPQGP
 LPGPPGALHRWALAVPPGAVAGPRPQQASPPPCGGPGGGPGDALGATTAGVGAAGVVVGGTGVVG
 GCCSGPGHKKRRRQAPGVGAVGGASPEREEVAGYNSDEYEAAAARIEAMDPATVEQEHWFKALRDK
 KGFIIKQMKEDGACLFRVADQVYGDQDMHEVVRKHCMYLMKNADYFVSNVTEDEFTTYINRKRKNNCHG
 NHIEMQAMAEMYNRVVEVYQYSTEPINTFHGIHQNEDEPIRVSYHRNIHNSVVPNKATIGVGLGLPSF
 KPGFAEQSLMKNAIKTSEESWIEQMLEDKKRATDWEATNEAIEEQVARESYLQWLRDQEKQARQVRGPS
 QPRKASATCSSATAAASSGLEWTSRSPRQRSSASSPEHPELHAEIGIKPPSPGTVLALAKPPSPCAPGT
 SSQFSAAGDRATSPLVSLYPALECRALIQMSPSAFGLNDWDDDEILASVLAVSQEYLDMSMKKNKVHRE
 PPPDKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

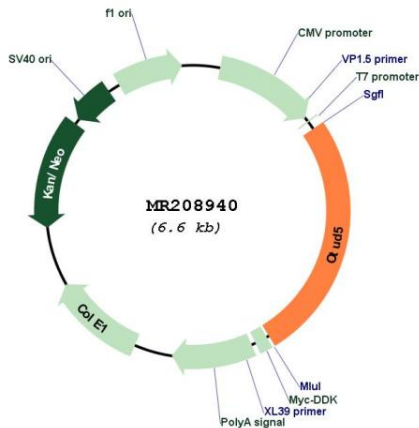
Restriction Sites:

Sgfl-Mlul

MW: 60.8 kDa

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 MR208940