

Product datasheet for **MG208940**

Otud5 (NM_138604) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Otud5 (NM_138604) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Otud5
Synonyms:	AA407879; AI553596; BB114028; DUBA; DXImx46e; Sfc7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208940 representing NM_138604
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTATTCTCCCCAAAAGAAGCCGCCACTCCCGACGCCACCCGGCCAACGAACCGCCGCCGCCG
 GGCCGCTGCCCGCGCCTCGGCGCGGTGCGGGTGTAGGCGTGGGTGGCGGCGGCACGGGTGTGGCGCG
 AGGAGAGCGCGACCGTGACTCCGCGCTCGTGGGGGCCCGTCCCCGGGCTTCGCCGCCACCTCAGGGCCCG
 CCCCCGGGCGCCTGGTGTCTTCATCGTTGGGCACTGGCCGTGCCGCCTGGCGCAGTCGCGGGCCCTC
 GGCCACAGCAGGCTTCTCCACTCCTTGTGGGGCCCCGGTGGCCCCGGCGGGCTCCTGGTGACGCTCT
 TGGTGGCACAACGCGGGGTGGCGCGGCAGGGTGGTGGTGGCGTGGTGGTACCGTGGCGTGGGC
 GGCTGTCTCGGGGCCGGGCACAGCAAGCGCGCGCTCAAGCTCCCGCGTGGCGCAGTTGGCGGGG
 CCAGTCCGGAACGTGAAGAGGTGGGAGCGGGCTACAACAGTGAAGACGAGTATGAAGCTGCCGCAGCGCG
 AATCGAGGCCATGGATCCCGCCACTGTAGAACAGCAGGAACACTGGTTTAAAAGGCCTTCGGGACAAG
 AAAGGCTTCATCATCAAGCAGATGAAGGAGGACGGTGCCTGTCTATTTCCGGCTGTAGCTGACCAGGTGT
 ATGGAGACCAGGACATGCATGAGGTTGTTGAAAGCATTGCATGGACTATCTGATGAAGAACGCTGATTA
 CTTCTCCAATATGTCACAGAAGACTTCACCACCTATATCAACCGGAAGCGGAAAAACAACCTGCCATGGC
 AACCATCAACACATCCATGGGATCCATCAAAATGAAGATGAACCCATCCGTGTCAGCTACCACCGGAA
 TATCCACTATAATTCAGTGGTGAATCCTAACAAGGCCACTATTGGTGTGGGGCTGGGCTACCGTCAAT
 AAGCCAGGGTTTGCAGAGCAGTCCCTGATGAAGAATGCCATAAAGACATCAGAAGAGTATGGATTGAAC
 AGCAAATGCTGGAAGACAAGAAACGAGCTACAGACTGGGAGGCCACAAATGAGGCCATAGAGGAGCAGG
 GGCTCGAGAATCTTACCTTCAGTGGCTGAGGGATCAAGAGAAACAGGCCCGCCAGGTCCGGGGACCCAGC
 CAGCCCCGAAAGCCAGTGCCACATGCAGTTCAGCCACAGCAGCAGCCTCCAGTGGCCTGGAGGAATGGA
 CTAGTCGGTCCCCACGGCAACGAAGTTCAGCCTCGTCACTGAGCACCTGAACTGCATGCCGAGTAGG
 CATTAAAGCCCCCTCCCCAGGCACTGTGTAGCTCTTGCCAAACCTCCTTACCCTGTGCACCAGGTACA
 AGCAGTCAGTCTCAGCAGGGGGTATCGGGCCACCTCTCTTGTGTCCCTTACCCTGCTCTGGAGT
 GCCGGGCCCTCATCCAGCAGATGCCCCCTCTGCCTTTGGTCTGAATGATTGGGACGATGATGAGATCCT
 AGCATCGGTGCTGGCAGTGTCCCAACAGGAATACCTAGACAGTATGAAGAAAAACAAGTGCACAGAGAG
 CCACCCCCAGACAAGAGT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG208940 representing NM_138604
 Red=Cloning site Green=Tags(s)

MTILPKKKPPPDADPANEPPLPPAPRRGAVGVGGGTGVGGGERDRDSGVVGARPRASPPQGP
 LPGPPGALHRWALAVPPGAVAGPRPQASPPPCGGPGGPGGDALGATTAGVGAAGVVVGGTVGVG
 GCCSGPGHSHRRRQAPGVGAVGGASPEREEVAGYNSDEYEAAAARIEAMDPATVEQEHWFELRDK
 KGFIIKQMKEDGACLFRVADQVYGDQDMHEVVRKHCMYLMKNADYFSNYVTEDFTTYINRKRNNCHG
 NHIEMQAMAEMYNRPVEVYQSTEPINTFHGIHQNEDEPIRVSYHRNIHNSVNPKNKATIGVGLPSF
 KPGFAEQSLMKNAIKTSEESWIEQMLEDKKRATDWEATNEAIEEQVARES YLQWLRDQEKQARQVRGPS
 QPRKASATCSSATAAASSGLEEWTSRSPRQRSSASSPEHPELHAE LGIKPPSPGTVLALAKPPSPCAPGT
 SSQFSAGGDRATSPLVSLYPALECRALIQMSPSAFGLNDWDDDEILASVLAVSQEYLD SMKKNKVHRE
 PPPDKS

TRTRPLE – GFP Tag – V

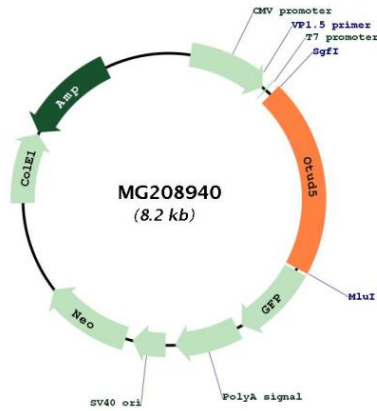
Restriction Sites:

Sgfl-MluI

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 MG208940