

Product datasheet for **MG226453**

Usp27x (NM_019461) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp27x (NM_019461) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Usp27x
Synonyms:	Sfc11; Usp27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG226453 representing NM_019461 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGTAAGACTATGTGTATGACATAGACATTGAGCAAATTGCCAAAGAAGAGCAAGGAGAAGCCTTGA
AATTACAAGCGTCCACCTCGACAGAGTTTCTCAGCAACAGTGTTTCAGTCCGGGACTTGGGAGAAATA
TCCCACCTGGGAAACGACCAAACCTGAACTAGAATTCTGGGGCACAACCCACGGAGAAGAAGGATCGCC
TCCAGCTTACCATCGGCTTACGAGGACTAATTAATCTTGCAACACGTGTTTTATGAATGCATTGTCC
AGGCCTTGACCCACACTCCAATACTGAGAGATTTCTTTCTCTGACAGGCACCGGTGTGAAATGCCAG
CCCTGAGTTGTGTCTGGTCTGTGAGATGTCGTGCTCTTTTCGGGAGCTGTATTCTGGAAACCCATCTCT
CATGTGCCCTATAAGTTACTGCACCTGGTGTGGATACACGCTCGTCATCTAGCAGGTACAGGCAGCAGG
ATGCCACGAGTTCCTCATCGCTGCGCTAGATGTCCTGCATAGGCACTGCAAAGGTGACGATGTTGGCAA
GGTGGCCAGCAACCCCAACCACTGTAAGTGCATCATAGACCAAATCTTACAGGTGGCCTGCAGTCCGAT
GTCACCTGTCAAGCCTGCCATGGTGTCTCCACCACTATAGACCCATGCTGGGACATTAGTCTGGACTTGC
CTGGCTCTTGACATCCTTCTGGCCATGAGCCCTGGGAGGGAGAGCAGTTTGAATGGCGAAAGCCACAT
CCCAGGCATCACCCTCACGGACTGCTTGCAAGGTTTACAAGGCCAGAGCACTTAGGAAGTAGTGCC
AAAATCAAGTGTGGTAGTTGCCAAAGTACCAAGAATCTACCAAACAGCTCACTATGAAGAAGTTACCAG
TAGTTGCCTGCTTTCATTTCAAACGGTTTGAACACTCAGCGAAAACAGAGCGCAAGATCACTACGTACAT
TTCTTTCTCTGGAGCTGGATATGACACCATTTATGGCGTCAAGTAAAGAGACCCGGGTGAATGGACAG
TTGACGCTCCCAACCAATAGTGCGAACAACGAGAATAAGTATTCTTGTGTTGCTGTGGTTAATCACCAAG
GAACCTTGAGAGTGGCCACTACACCAGCTTCAATCGGCACCACAGGACCAGTGGTTCAAGTGTGATGA
TGCCGTAATCACCAAGGCCAGTATTAAGGATGTGCTGGACAGTGAAGGGTATTTACTGTTCTATCACAAA
CAGGTCCTGGAACCTGAGCCAGAAAAGGTGAAAGAAATGACTCCACAAGCCTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG226453 representing NM_019461
 Red=Cloning site Green=Tags(s)

MCKDYVYDIDIEQIAKEEQGEALKLQASTSTEVSQQQCSVPGLGEKYPTWETTKPELELLGHNPRRRRIA
 SSFTIGLRGLINLGNTCFMNCIVQALHTPILRDFFLSDRHRCEMPSPELCLVCEMSSLFREL YSGNPSP
 HVPYKLLHLVWIHARHLAGYRQQDAHEFLIAALDVLHRHCKGDDVGKVASNPNCNCIIDQIFTGGLQSD
 VTCQACHGVSTTIDPCWDISLDLPGSCTSFWPMSPGRESSLN GESHIPGITTLTDCLRFRTRPEHLGSSA
 KIKGSCQSYQESTKQLTMKKLPVVACFHFKRFEHSAKQRRKITYISFPLELDMTPFMASSETRVNGQ
 LQLPTNSANNENKYSLFAVNVHQGTLESGHYTSFIRHHRDQWFKCDDAVITKASIKDVL DSEGYLLFYHK
 QVLEPEPEKVKEMTPQAY

TRTRPLE - GFP Tag - V

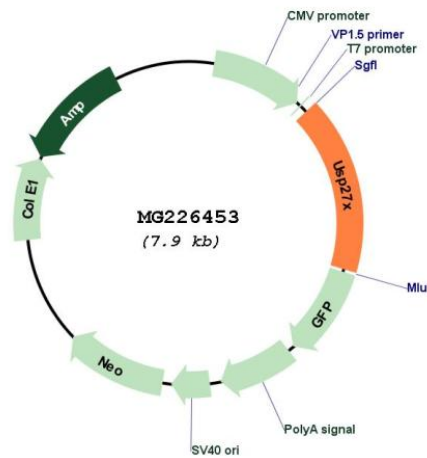
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_019461

ORF Size:	1314 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_019461.4 , NP_062334.2
RefSeq Size:	3240 bp
RefSeq ORF:	1317 bp
Locus ID:	54651
UniProt ID:	Q8CEG8
Cytogenetics:	X 3.31 cM
Gene Summary:	Deubiquitinase that can reduce the levels of BCL2L11/BIM ubiquitination and stabilize BCL2L11 in response to the RAF-MAPK-degradation signal. By acting on BCL2L11 levels, may counteract the anti-apoptotic effects of MAPK activity.[UniProtKB/Swiss-Prot Function]