

Product datasheet for MC213070

Tspyl5 (NM_001085421) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tspyl5 (NM_001085421) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tspyl5
Synonyms:	6330530B20; E130308C19Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC213070 representing NM_001085421 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCGGACGGAGTAGGGTCGAAAGTCTTCCCGGCCAAAGGCCGGGGCAAAGGCCGGGCCAGAGCCC
GGGTCCGGGCCGCTGCGGAAGACGCCTGGCAGCAGCAAAAAGCCACCACAGAGCCCAGGCTCGGGGAGGA
CTCCGCGGCCGCGCAGGTGCAGGCCGGCGCAGCTCAAGGAGGCGCGAACCAGCCGAGCTCGGGGAAGAG
GCGGCCTGCCGCCTCCCGCTGGACTGCGGCCTGGCGTTGCGGGCTCGGGCTGCAGACGAGCGCGGCCTGG
CGGCCCTGATCCGGACCTGGAGAGGGCCCGTTCCCTCGCCGAGCGCCTGACCAGCGACACCAGCTTCGT
GGGAACCGTGGGAGCCTTGGCGAAGCTGCGACGCGGCTCCCGCATTGGAAATCGGCGAGTCCCGGGGAGG
AAGGCCCCAGATACTCGGAGCGCCACGGGGAGGGGACCTCAGGCCACAGTTAGTGGGAAGCCGAAGATGG
CCTCTGCGGGGTTGTGCGCCGCTGCTCCAGTGGGGAGGAAAAAAGATGACAGAGAAGCATGCTGGGGC
AGGGTCTCCCGCAGCAGTGGGCAGCATGGATACCCTAGAGACGGTCCAGCTAAAGCTAGAGACCATGAAT
GCACAGGCTGACAGGGCATATCTCAGGCTTTCACGCAAGTTTGGCCAGTTGCGACTTCACCACTTAGAGC
GCCGGAACCTCCTCATCCAGAGCATTCCGGGCTTCTGGGGCAAGCTTTTCAGAACCCATCCCACTGTC
AGCTTTTCTGAATACCAAGATAAGGAGGTATTGAGCTATTTGAACAGACTGGAGGTGGAAGAAGTGGC
CTTGCCAGGTTGGGCTACAAAATCAAGTTCTACTTTGGCCGAAACCCCTATTTCCAAAACAAGGTGCTCA
TTAAGGAATATGGCTGTGGTCCATCCGGTCAAGTGGTGTCTCGTTCAGCTCCAATCCAGTGGCTCCAGG
CCATGATCTACAATCCCTAAGCAAGGAAAACCCAGAAAACAATGGTAGCTCTTTGGGTGGTTTTCAAAT
CACAGCTCTATTGAGTCTGACAAGATTGTTGAGATAATTAATGAGGACCTGTGGCCCAATCCTCTACAGT
ACTACCTGATCAGTGAAGAAGCCCGTGGAGAGAAAGGAAAGGAAGAAAGGCCAGGTCCAGCAAACTGAG
CCCTGCACCTGCAGTGAAGCAGCCCAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001085421
Insert Size:	1221 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_001085421.1</u> , <u>NP_001078890.1</u>
RefSeq Size:	4040 bp
RefSeq ORF:	1221 bp
Locus ID:	239364
UniProt ID:	<u>Q69ZB3</u>
Cytogenetics:	15 B3.1
Gene Summary:	Involved in modulation of cell growth and cellular response to gamma radiation probably via regulation of the Akt signaling pathway. Involved in regulation of p53/TP53. Suppresses p53/TP53 protein levels and promotes its ubiquitination; the function is dependent on USP7 and independent on MDM2. Proposed to displace p53/TP53 from interaction with USP7 (By similarity).[UniProtKB/Swiss-Prot Function]