

Product datasheet for **MG208668**

Stip1 (NM_016737) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stip1 (NM_016737) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Stip1
Synonyms:	Hop; p60; Sti1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208668 representing NM_016737
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCAGGTGAATGAGCTAAAGGAGAAGGGCAATAAGGCCCTGAGTGTGGGAACATTGATGATGCCT
 TACAGTGTACTCTGAGGCAATTAAGTATAGATCCCGAACCATGTGCTCTACAGCAATCGCTCTGCAGC
 CTACGCCAAGAAAGGAGACTACCAAGGCCTATGAGGACGGCTGCAAGACTGTTGACCTGAAGCCTGAC
 TGGGGCAAGGTTATTCAAGAAAAGCCGACGCCCTTGAATTCCTAAACCGGTTTGGAGGAAGCCAAACGAA
 CCTATGAAGAAGGTTTAAAAACATGAAGCAATAATGTCCAGCTCAAGGAGGGCTTGCAGAACATGGAGGC
 CAGGCTGGCAGAGAGAAATTCATGAATCCATTCAACTTGCTAATCTATACAAAAGTTGGAAAACGAC
 CCCAGGACAAGGTCGCTGCTCAGTGACCCACCTACAGGGAGCTCATAGAACAGCTGCAGAACAAGCCGT
 CAGACCTGGGCACGAACTACAGGATCCCCGGGTGATGACTACTCTCAGTGTCTCCTTGGGTTGATCT
 GGGCAGCATGGATGAAGAGGAAGAGGCAGCAACACCCCAACCCCACTCTCCAAAAAGGAGCCCAAG
 CCAGAACCAATGGAAGAAGATCTTCAGAGAATAAGAAACAGGCACTGAAAGAGAAGGAGCTGGGAAATG
 ATGCCTACAAGAAGAAAGATTTTGACAAGGCCCTGAAGCATTATGACAGAGCCAAGGAATGGACCCCTAC
 CAACATGACCTACATAACTAATCAAGCAGCTGTGCACTTTGAGAAGGGCGACTATAACAAATGCCGGGAG
 CTCTGTGAGAAGGCCATTGAAGTGGCAGAGAAAACCGAGAGGACTACCGGCAGATCGCCAAAGCTTATG
 CCCGATTGGCAATTCCTATTTCAAAGAAGAAAAGTACAAGGATGCTATACATTTCTACAACAAGTCTCT
 AGCAGAGCACCGAACCCAGATGTGCTCAAGAAGTGCCAGCAGGCAGAGAAAATTCTGAAGGAACAGGAG
 CGTTGGCTTATATCAACCTGACTTGGCTTTGGAGGAGAAGAACAAGGGCAACGAATGCTTCCAGAAAG
 GGGACTACCCCAAGCCATGAAGCACTATACAGAAGCCATTAAGGAACCCGAGAGATGCCAAACTGTA
 CAGCAACCGAGCTGCCTGCTACACCAAGCTCCTGGAGTTTCAGCTGGCACTCAAGGACTGTGAGGAGTGC
 ATCCAGCTAGAGCCAACCTTCATCAAGGTTATACACGGAAGCAGCTGCTCTGGAAGCCATGAAGGACT
 ATACAAAAGCCATGGATGTGTACAAAAAGCGTTAGACCTGGACTCCAGCTGTAAGGAAGCAGCAGATGG
 TTACCAACGCTGTATGATGGCACAGTACAACAGACATGATAGCCCTGAGGATGTGAAGCGGCGGCCATG
 GCTGACCTGAGGTGCAGCAGATAATGAGTGACCCAGCCATGAGACTCATCTGGAGCAGATGCAAAAGG
 ACCCCAGGCTCTGAGCGAACACTTAAAGAACCCTGTAATAGCGCAGAAGATCCAGAAGCTGATGGATGT
 GGTCTCATCGCAATTCG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG208668 representing NM_016737
 Red=Cloning site Green=Tags(s)

MEQVNELKEKGNKAL SAGNIDDALQCYSEAIKLDPQNHVLYSNRSAAYAKKGDYQKAYEDGCKTVDLKPD
 WGKGYSRKAALFLNRFEEAKRTYEEGLKHEANNVQLKEGLQNMEARLAERKFMNPFNLPNLYQKLEND
 PRTRSLSDPTYRELIEQLQNKPSDLGTLKQDPRVMTTSLVLLGVDLGSMDEEEEAATPPPPPPPKKEPK
 PEPMEEDLPENKKQALKEKELGNDAYKKKDFDKALKHYDRAKELDPTNMTYITNQAAVHFEEKGDYKCRE
 LCEKAIIEVGRENREDYRQIAKAYARIGNSYFKEEKYKDAIHFYKSLAEHRTPDVLKCCQQAQEKILKEQE
 RLAYINPDLALEEKNKGNECFQKGDYPQAMKHYTEAIKRNPRDAKLYSNRAACYTKLLEFQLALKDCEEC
 IQLEPTFIKGYTRKAAALEAMKDYTKAMDVYQKALDLSSCKEADGYQRCMAQYNRHDSPELVKRRAM
 ADPEVQQIMSDPAMRLILEQMOKDPQALSEHLKNPVIAQKIQKLMVGLIAIR

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_016737
ORF Size:	1629 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_016737.1 , NP_058017.1
RefSeq Size:	2080 bp
RefSeq ORF:	1632 bp
Locus ID:	20867
UniProt ID:	Q60864
Cytogenetics:	19 A
Gene Summary:	Acts as a co-chaperone for HSP90AA1. Mediates the association of the molecular chaperones HSPA8/HSC70 and HSP90.[UniProtKB/Swiss-Prot Function]