

Product datasheet for **RG236478**

SSH2 (NM_001282130) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SSH2 (NM_001282130) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: SSH2
Synonyms: SSH-2; SSH-2L
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236478 representing NM_001282130.
Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCTTTGGTCACGGTCCAGCGGTACCTACCCACGACACCCTCCAGCCCCTGCGCCTCGGAGGCA
GACAGTGGGGAGGAAGAATGCCGGTCACAGCCCAGGAGCATCAGCGAGAGCTTTCTAACTGTCAAAGGT
GCTGCCCTTTTCTACCACGGGAAATGGCTCATCCACACCAAGAATCAGCCACAGACGGAACAAGCAT
GCAGGCGATCTCCAACAGCATCTCCAAGCAATGTTCAATTTACTCGCCAGACAAGACAACATCAGGCTG
GCTGTAAGACTGAAAAGTACTTACCAGAATCGAACACGCTATATGGTAGTGGTTCAACTAATGGTAGA
CAAGACTGAAGAAAGCATCGTCTAGGAATGGATTTCTCTCTAATGACAGTAGCACTGTACCATG
GGCTTAGTTTGCCTCTCTGGAGCGACAGCTAATTCATTTGGATGGTGTGGTGGTTCAGTGTATCG
ACGGATAACAGAGTTCACATATTTCAAACCTGTATCTGTGCAGGCAATGTGGGTTGACAGGGATTCAAG
AACAAACTGTGATGTACTATTGGTGGAAAGAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236478
Blue=ORF Red=Cloning site Green=Tag(s)

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MALVTVQRSPSTTSSPCASEADSGEEECRSQPRISSESFLTVKGAALFLPRNGSSTPRI SHRRNKH
AGDLQQHLQAMFILLRPEDNIRLAVRLESTYQNRTRYM VVSTNGRQDTEESIVLGMDFSSNDSSTCTM
GLVLPWSDTLIHL DGGGFSVSTDNRVHIFKPVSVQAMVDRDRSRNKHCDVLLVEE
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
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Restriction Sites: SgfI-MluI



RefSeq:	NM_001282130.2
RefSeq Size:	1024 bp
RefSeq ORF:	588 bp
Locus ID:	85464
UniProt ID:	Q76I76
Cytogenetics:	17q11.2
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Regulation of actin cytoskeleton
MW:	22.1 kDa
Gene Summary:	This gene encodes a protein tyrosine phosphatase that plays a key role in the regulation of actin filaments. The encoded protein dephosphorylates and activates cofilin, which promotes actin filament depolymerization. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]