

Product datasheet for **SC215206**

Staufen (STAU1) (NM_001037328) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Staufen (STAU1) (NM_001037328) Human 3' UTR Clone
Symbol:	Staufen
Synonyms:	PPP1R150; STAU
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001037328
Insert Size:	1569 bp



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Insert Sequence: >SC215206 3'UTR clone of NM_001037328
 The sequence shown below is from the reference sequence of NM_001037328. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGACCAATGTCTGTGTGGGAGGTGCTGAACCTTTCTGGCCATGAACCATTATAAAATCCCAACATA
TATACTGAAAATACTGAAACTGCTTTGAAAATTTGGAATTTCTGATACCTCCAGTGGGCCGAGAGACAC
GGTGGGTAAGGATGTGGGCAGCAGCAGGGAAGACAACAGAAACACAAGGAGGCGGCTGTGGCCGGGCT
GGACTGTGCTGGGTTTGTGTGATGGCCACTCGGTGACCTGGCGGTCCCTACGCAATAGCAGCTGCCT
GTGGGGAAGAAGGGCTGCCAGCCAGCTGGTTCTCCCGGACACCAGCAGATCCACACCCTGGGCACCT
CCGTGTTTGGTCTTTTTTTCCCTGTGTGAAAGAAGAAACGGCAGCACCCTTCTCAAGCTGGCTCAC
TCAGACACATTGGGACAAACCCTGGACAGCCATGCCAGAGAGAGGCCCTTTGACCGGCCCCAGAGCTAAA
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ACCTCCTGCAGTACCCACACCATCACCCTGCTTCTCTTCCAACAGTGATCTGTATTCTTAGTTTCAT
TATTTTCTTTTGATTGATATGACACTATATAAAATTTTCAATTTGAGAATTTCTCAATTGTATCTAGTTA
AATAGCACAGTTTGAAACTTGTCTGAGACTGACTTTATCAATAATCTAACCGACAAAGATCATATCCA
TGTGTATGTGGTTAGACATTTTTATTTCAATGACTAACCCAGGACAGTTTCAGTGATGCAAATTTGTGTG
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TTGGACAATTTAGGAATTTAACTTTAGATGATCATTGGTTCCATTTTATTTTATTTTATTTTGT
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CCTACGTTTCTGTATACAGCTGTGTTGCTTTTGTGTTGTACTGTACACAGAAGTGTGTGCACTGA
GGCTCTGCGTGTGGTCCGTATGGAAAGCCTGGTAGCCCTGCGAGTTAAGTACTGCTTCCATTCAATTGTT
TACGCTGGAATTTTTCTCCCATGGAATGTAAGTAAAACCTAAGTGTGTCATCAATAAATGGTAATA
CTAAATTTTTTTGTTAATTTATTCTCAAATGCCACTACTGCTAGGTTGGTCCCCTCCAACCTTGCCCT
ATCCTTTTTTTATTTTTAAGAAAAAACTTTGTAATGCTTGTGATTCCATCTGGGCAAAAGTCTGAAGA
TCTGAAATAACTTTATATCAAACCATTGATCAATAAACAGCTACTAATGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001037328.3](#)

Summary:

Staufen is a member of the family of double-stranded RNA (dsRNA)-binding proteins involved in the transport and/or localization of mRNAs to different subcellular compartments and/or organelles. These proteins are characterized by the presence of multiple dsRNA-binding domains which are required to bind RNAs having double-stranded secondary structures. The human homologue of staufen encoded by STAU, in addition contains a microtubule-binding domain similar to that of microtubule-associated protein 1B, and binds tubulin. The STAU gene product has been shown to be present in the cytoplasm in association with the rough endoplasmic reticulum (RER), implicating this protein in the transport of mRNA via the microtubule network to the RER, the site of translation. [provided by RefSeq, Apr 2020]

Locus ID:

6780

MW:

58.7