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Product datasheet for SC204286

STUB1 (NM_005861) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	STUB1 (NM_005861) Human 3' UTR Clone
Symbol:	STUB1
Synonyms:	CHIP; HSPABP2; NY-CO-7; SCA48; SCAR16; SDCCAG7; UBOX1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005861
Insert Size:	342 bp
Insert Sequence:	>SC204286 3'UTR clone of NM_005861 The sequence shown below is from the reference sequence of NM_005861. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCTGAGAATGGCTGGGTGGAGGACTACTGAGGTTCCCTGCCCTACCTGGCGTCCTGGTCCAGGGGAGCC CTGGGCAGAAGCCCCCGGCCCCTATACATAGTTTATGTTCCTGGCCACCCCGACCGCTTCCCCCAAGTT CTGCTGTTGGACTCTGGACTGTTTCCCCTCTCAGCATCGCTTTTGCTGGGCCGTGATCGTCCCCCTTTG TGGGCTGGAAAAGCAGGTGAGGGTGGGCTGGGCTGAGGCCATTGCCGCCACTATCTGTGTAATAAAATC CGTGAGCACGAGGTGGGACGTGCTGGTGTGTGACCGGCAGTCCTGCCAGCTGTTTTGGCTAGCCGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_005861.4

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Summary: This gene encodes a protein containing tetratricopeptide repeat and a U-box that functions as a ubiquitin ligase/cochaperone. The encoded protein binds to and ubiquitinates shock cognate 71 kDa protein (Hspa8) and DNA polymerase beta (Polb), among other targets. Mutations in this gene cause spinocerebellar ataxia, autosomal recessive 16. Alternative splicing results in multiple transcript variants. There is a pseudogene for this gene on chromosome 2. [provided by RefSeq, Jun 2014]

Locus ID: 10273

MW: 12.4