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Product datasheet for SC201815

JAB1 (COPS5) (NM_006837) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	JAB1 (COPS5) (NM_006837) Human 3' UTR Clone
Symbol:	JAB1
Synonyms:	CSN5; JAB1; MOV-34; SGN5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006837
Insert Size:	184 bp
Insert Sequence:	>SC201815 3'UTR clone of NM_006837 The sequence shown below is from the reference sequence of NM_006837. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAACTGTTTAATCAAATTAACATCTCTTAAACAGTCTCTGAGAAGTACTTTACCTGAAAGACAGTATGA GAAAAATATTCAAGTAACACTTTAAAACCAGTTACCCAAAATCTGATTAGAAGTATAAGGTGCTCTGAA GTGTCCTAAATATTAATATCCTGTAATAAAGCTCTTTAAAATGAAA 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_006837.3

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Summary: The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein is reported to be involved in the degradation of cyclin-dependent kinase inhibitor CDKN1B/p27Kip1. It is also known to be an coactivator that increases the specificity of JUN/AP1 transcription factors. [provided by RefSeq, Jul 2008]

Locus ID: 10987

MW: 7