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Product datasheet for SC320843

RNF40 (NM_014771) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF40 (NM_014771) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF40
Synonyms:	BRE1B; RBP95; STARING
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

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>OriGene sequence for NM_014771.2
GCTGACCCTCCTGCTGGTGACGGAAGTACCGCCTCCTCCCGTCTGACGCCCCTCAGGGGA
CCCTGCATCGCTCCAGCCGCCGCGGCCATGTCTGGGCCAGGCAACAAACGCGCCGCCGGC
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AACCACAACCACCAGCTAAAAGGGGACGCCCAGCGATACAAGCGGAAGCTTCGAGAAGTA
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GACGAAATCCTCCAGGAGGAGATCAAGGAGTACAAGGCGCGGTTGACCTGCCCCTGCTGT
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TGAATAAACGTTCAACCCTCGGCCTGCAGCCAGAGTAGCCAGGCCGCGCACCCCAAAAAA
AAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_014771

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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_014771.2, NP_055586.1
RefSeq Size:	4256 bp
RefSeq ORF:	3006 bp
Locus ID:	9810
UniProt ID:	O75150
Cytogenetics:	16p11.2
Domains:	RING
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene contains a RING finger, a motif known to be involved in protein-protein and protein-DNA interactions. This protein was reported to interact with the tumor suppressor protein RB1. Studies of the rat counterpart suggested that this protein may function as an E3 ubiquitin-protein ligase, and facilitate the ubiquitination and degradation of syntaxin 1, which is an essential component of the neurotransmitter release machinery. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Variants 1 and 4 both encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.