

Product datasheet for **SC302848**

RING finger protein unkempt like (UNKL) (NM_001037125) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RING finger protein unkempt like (UNKL) (NM_001037125) Human Untagged Clone
Tag:	Tag Free
Symbol:	RING finger protein unkempt like
Synonyms:	C16orf28; ZC3H5L; ZC3HDC5L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302848 representing NM_001037125. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCGTCGGTTTCGAAAGCGGGCAGCGCGCTGAGCGGGTCCCCCGCAGACTGAGAAGCCGACC
CACTACAGGTACCTGAAGGAGTTCAGGACGGAGCAGTGCCCCCTGTTTTACAGCACAAGTGCGCGCAG
CACCGGCCGTTCACTGCTTCCACTGGCACTTCTCAACCAGCGCGCCGAGGCCCTCCGAGGGCGC
GACGGCACCTTCAACTACAGCCCCGACGTGTACTGCTCCAAGTACAACGAAGCCACCGGCGTGTGCC
GACGGCGACGAGTGTCCCTACCTGCACCGGACGACGGGGACACAGAACGCAAGTACCACCTGCGTTAC
TACAAAACAGGAACCTGCATCCACGAGACAGACGACGTCGACTGCGTGAAGAATGGGCTGCACTGT
GCCTTCGCGCACGGCCCCCTGGACCTGCGGCCGCCGTGTGTGACGTGAGGGAGCTGCAGGCCAGGAA
GCCTTGAGAACGGCCAGCTGGGCGGGGGAAGGGTCCCGGATCTGCAGCCTGGGGTCTTGGCCAGC
CAGGCCATGATTGAGAAGATCCTGAGCGAGGACCCCCGGTGGCAAGATGCCAACTTCGTGCTGGGACG
TACAAGACGGAGCAGTGCCCGAAGCCGACGCTGTGCCGCCAGGGCTATGCGTGCCACACTACCAC
AATAGCCGGGACAGGGCGCAACCCCCGGCGTTCCAGTACAGCTGGCAGCTGGGACGCCGGGTCTT
AGGCTGAGTCCCAGGGCCAACAACCAAGGGTCCGCTGCCAGGGTGCACACAGGACCTTCTCCACC
GCTGA
ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001037125
Insert Size:	834 bp



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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:	<ol style="list-style-type: none"> 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:	<u>NM_001037125.3</u>
RefSeq Size:	1422 bp
RefSeq ORF:	834 bp
Locus ID:	64718
UniProt ID:	<u>Q9H9P5</u>
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome
MW:	31.8 kDa
Gene Summary:	<p>This gene encodes a RING finger protein that may function in Rac signaling. It can bind to Brg/Brm-associated factor 60b and can promote its ubiquitination. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jun 2013]</p> <p>Transcript Variant: This variant (2) lacks several 3' exons but contains an alternate 3' terminal exon, and it thus differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1.</p>