

Product datasheet for **SC312897**

UBAC2 (NM_177967) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBAC2 (NM_177967) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBAC2
Synonyms:	PHGDHL1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_177967, the custom clone sequence may differ by one or more nucleotides ATGTGTTTCTTCTCAGTCTCCAAGAAGAGTTTTAGACAAACACACTGATGAGAGTG CTTTCAAGTGGAGGGAAGTTAGGAAGTCGTGGCGAGGGAGCGCAGCTGTGCTGCTGGATG TTGCTGTTTTCTGGCGTGTAGCGGTGGTCAGCAGACAAGGCGCCTCTGTGGAAGAGCC TTCTGCTGGTCCCAGTGCCTCTCCCTCCTGCTCGCCCTCCTCCTGCTCACTGCCAGA AGCTCTTTGTGTATGACCTTCACGCAGTCAAGAACGACTTCCAGCCTGGCACCTGTGTTT GCTCTGTTGTACATTTTACTGCTCCATACCAAGAGTCCAAGTGGCACAATTCTGGGT CCGTTGTCATCACAACAAGACATTGATTTATATATTGGGACTGCAGCTTTTCACTCT GGTTCTACATCTGGATTGTAGCCATAAGTGGACTTATGTCCGGTCTGTGCTACGACAGC AAAATGTTCCAGGTGCATCAGGTGCTCTGCATCCCCAGCTGGATGGCAAATTCTTTTCT TGGACACTTGAACCCATCTTCTTCTTTCAGAACCCACCAGCGAAGCCAGAATTGGGATG GGAGCCACGCTGGACATCCAGAGACAGCAGAGAATGGAAGTCTGGACCGGCAGCTGATG TTCTCTCAGTTTGCACAAGGGAGGCGACAGAGACAGCAGCAGGGAGGAATGATCAATTGG AATCGTCTTTTCTCCTTTACGTCAGCGACAAAACGTAACATATCAGGGCGGTCCGGCAG TCTGAGCCAGCAGCGCCCTCTAGAAGTTTCTGAGGAACAGGTGCGCCCGGCTCATGGAG ATGGGATTTTCCAGAGGTGATGCTTTGGAAGCCCTGAGAGCTTCAAACAATGACCTCAAT GTCGCCACCAACTTCTGCTGCAGCAC
Restriction Sites:	Please inquire
ACCN:	NM_177967
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.



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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_177967.2</u> , <u>NP_808882.1</u>
RefSeq Size:	2526 bp
RefSeq ORF:	930 bp
Locus ID:	337867
UniProt ID:	<u>Q8NBM4</u>
Cytogenetics:	13q32.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>Restricts trafficking of FAF2 from the endoplasmic reticulum to lipid droplets. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains an alternate 5' end exon and is missing two consecutive in-frame coding exons compared to transcript variant 1. This results in a shorter isoform (2) with a different N-terminus compares to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no quality transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>