

Product datasheet for SC322399

UBA5 (NM_024818) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UBA5 (NM_024818) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBA5
Synonyms:	DEE44; EIEE44; SCAR24; THIFP1; UBE1DC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322399
GGAGACGTGTCTGTCTGTGAGGCGCTGGGTGCACGTCCCCAGGGCTCTGGGCTAGGAAGG
CAGCGGCGAGGTGCCTCCCCACGTACCCCTCGCGGGCCAGCCGAGCAACGTGGGGCGAA
GGCGGGCGCGAAGGCCCGGGCTGGGAGCGTTGGCGGGCCGAGTCCCAGCCATGGCGGAGT
CTGTGGAGCGCCTGCAGCAGCGGGTCCAGGAGCTGGAGCGGGAACCTGCCAGGAGAGGA
GTCTGCAGGTCCCGAGGAGCGGGACGGAGGGGGCGCCGGGTCCGCATCGAGAAGATGA
GCTCAGAGGTGGTGGATTGCAATCCCTACAGCCGCTTGATGGCATTGAAACGAATGGGAA
TTGTAAGCGACTATGAGAAAATCCGTACCTTTGCCGTAGCAATAGTAGGTGTTGGTGGAG
TAGGTAGTGTGACTGCTGAAATGCTGACAAGATGTGGCATTGGTAAGTTGCTACTCTTTG
ATTATGACAAGGTGGAAGTCAAGCAGCAGAACAATACTCTGAGGAACATTAATCCTGATGTTCTTT
TTGAAGTACACAATAATATAACCACAGTGGAAAACCTTCAACATTTTCATGGATAGAA
TAAGTAATGGTGGTTAGAAAGGAAAACCTGTTGATCTAGTTCTTAGCTGTGGACA
ATTTTGAAGCTCGAATGACAATAAATACAGCTTGAATGAACTTGGACAAACATGGATGG
AATCTGGGGTCAGTGAAGTGCAGTTTCAGGGCATATACAGCTTATAATTCCTGGAGAAT
CTGCTGTTTTGCGTGTGCTCCACCACTGTAGTTGCTGCAAATATTGATGAAAAGACTC
TGAAACGAGAAGGTGTTGTGCAGCCAGTCTTCTACCACTATGGGTGTGGTTGCTGGGA
TCTTAGTACAAAACGTGTTAAAGTTTCTGTTAAATTTTGGTACTGTTAGTTTTTACCTTG
GATACAATGCAATGCAGGATTTTTTCTACTATGTCCATGAAGCCAAATCCTCAGTGTG
ATGACAGAAATTGCAGGAAGCAGCAGGAGGAATAAAGAAAAAGGTAGCAGCACTGCCTA
AACAAGAGGTTATACAAGAGAGGAAGATAATCCATGAAGATAATGAATGGGGTATTG
AGCTGGTATCTGAGGTTTCAAGAGGAACTGAAAAATTTTTCAGGTCCAGTTCCAGACT
TACCTGAAGGAATTACAGTGGCATACACAATCCAAAAAGCAAGAAGATTCTGTCACTG
AGTTAACAGTGAAGATTCTGGTAAAGCTTGAAGACCTCATGGCCAAAATGAAGAATA
TGATAGATAATGGACTGGGATATATTGTATTTCTCATGTTAAAGCCTCTCCCTTGAAT
AAAAAAAAATTTAACTGATAAAAAAAAAAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_024818
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:	NM_024818.2 , NP_079094.1
RefSeq Size:	2720 bp
RefSeq ORF:	1215 bp
Locus ID:	79876
UniProt ID:	Q9GZZ9
Cytogenetics:	3q22.1
Domains:	ThiF
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a member of the E1-like ubiquitin-activating enzyme family. This protein activates ubiquitin-fold modifier 1, a ubiquitin-like post-translational modifier protein, via the formation of a high-energy thioester bond. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been identified on chromosome 1. [provided by RefSeq, Feb 2016]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest 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.</p>