

Product datasheet for SC301712

DUXA (NM_001012729) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DUXA (NM_001012729) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUXA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene ORF sequence for NM_001012729 edited</p> <pre>GGACTCTCTTCCAGCATGGCCGAAGACACCTATTCACACAAGATGGTAAAAACAAATCAT AGGCGCTGTCGCACAAAATTCACAGAAGAACAGTTGAAAATCCTCATCAATACCTTCAAT CAAAAGCCTTACCCAGGTTATGCTACCAAACAAAACCTTGCTTTAGAAATCAATACAGAA GAGTCCAGAATCCAGATTTGGTTTCAGAATCGAAGAGCTAGGCACGGATTCCAGAAAAGA CCAGAAGCTGAGACTTTAGAATCAAGCCAGAGCCAGGGGCAAGATCAACCTGGTGTGGAG TTTCAAAGTAGAGAAGCCAGACGGTGTCGTACCACCTACAGCGCCTCTCAGTTACACACT CTCATCAAGGCATTTATGAAAAACCCATATCCTGGGATTGATTCCAGAGAAGAACTTGCT AAAGAAATCGGTGTTCCAGAGTCAAGAGTCCAAATTTGGTTCCAAATCGAAGATCTAGA TTACTTCTCCAGAGAAAAAGGGAACCTGTGGCGTCCTTAGAACAGAAGAGCAGGGCAAG ATTCCTGAGGGACTGCAAGGTGCAGAAGATACACAAAATGGCACCAACTTCACTAGTGAC TCTCATTTCTCTGGAGCCAGAACGTGGTG</pre>
Restriction Sites:	Please inquire
ACCN:	NM_001012729
Insert Size:	700 bp
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_001012729.1, NP_001012747.1</u>
RefSeq Size:	3346 bp
RefSeq ORF:	615 bp
Locus ID:	503835
UniProt ID:	<u>A6NLW8</u>
Cytogenetics:	19q13.43
Gene Summary:	Homeobox genes encode DNA-binding proteins, many of which are thought to be involved in early embryonic development. Homeobox genes encode a DNA-binding domain of 60 to 63 amino acids referred to as the homeodomain. This gene is a member of the DUXA homeobox gene family. Evidence of mRNA expression has not yet been found for this gene. Multiple, related processed pseudogenes have been found which are thought to reflect expression of this gene in the germ line or embryonic cells. [provided by RefSeq, Jul 2008]