

Product datasheet for **SC210450**

OVCA1 (DPH1) (NM_001383) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	OVCA1 (DPH1) (NM_001383) Human 3' UTR Clone
Symbol:	OVCA1
Synonyms:	DEDSSH; DPH2L; DPH2L1; OVCA1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001383
Insert Size:	1342 bp



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Insert Sequence:	>SC210450 3'UTR clone of NM_001383 The sequence shown below is from the reference sequence of NM_001383. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC GACGAGAAAGGTGGCGCCGCTGGCTCCTTACGCGCTCCCGGGCCTCAGGGTCTGCCCTCCGGAGGAGC AGCCTCGAGGCTGGTGGTTTTTCAGAGCAGGAGGCCGACGTTTTCTCCGATTGGAAGAGCCCGCCGTCT GCAGGGGCTGGAGGAATCACTGGGGATGGTGGCAGGCACTGAACAGGCTGGGGCCTTTTGACGGCC TTCTTGGTTTTAGCCAAGGGGCTGCGCTAGCAGCCCTTGTTGTGCCCTGGGCCAGGCAGCGATCCCC GCTTCCCTTGCCACGGTTTATCCTCTTGGTGTCTGGTTTCTGTCCCGGGGCATTGGGTCAAGGAAT CCATCCTGCAAAGGCCCTTGTCTTGCCTTCGCTCCATGTTTTTGGGACACTGACAAAGTCATCCCTT CTCAGGAGAGTGTGCAACTGGCCAGCCAATTTCCCGAGCCATCACCTCACCCACTCTGGTGGCCACT TCATTCCAGCAGCTGCACCCAGCGTCAGGCCTACCTCAAGTTCTTGGACCAGTTTGAGAGTGAAGA TCAAGAAATGTCTCTGCTCCTACATCCAGCTCCTTAGGGGACGCTCCGTCATCCATGCCCTCCCAGG ACCTCCACTCACTGCTGTGAGTGCGCCTCACCAGAACAGTTAAGAGACAACTATCAATTCTTGAGAC CCAAATTATAAGGGCCCTGCCCTGTACTGAAGAAAAGGGGAGCACAAGGCCTTAATGGACATTGACTTG TGAAAACGCAACATGAATATGGTTGGAGAGCCCTGGATTAGGAGGGTGACATGGGAAGGCAGAGGCT GGCACCATGGTGACTGCCACATAATAAAGTGGTGATTTGGATTTTGAGCATCTTTTTCTGGTACACAC AGAAAAACATTTTATAATGGAAGTCGGTTTCTTGGCCATCTACATAGTTTTCTGGGCAGCGCCAAGCAG GGAGGTGTCTCCAGTTGTGAGTCCTCGGACAGGCTGCTGCATGGGTGCACATACTCACGTTATTGGTGG AAGTTTTAAGTCCCAACTGAAGGGAAGGAGGCCTAGGTGGCACAATCAGGGAGGAATATACATCTGAG AAGTTTTGGGAAGACATCACCTGGCAAGGCTGCCTGAACCACAGTAATTTAGTCTTCTCTATCCAGAT CACTGAGAGTTGTGTGCTGGTCTTCTCTCAAACCCTGGATGTGTTACCTGCTTCTCCCTAAGTGCTCTA ACCTCGTGAACTATGAGCCTGAAGGTGGGTCGATGCCAGACCTTAGGTGGAGGCCAAAGACAGTACA GAATAACAGCTTCTTCTAAATTGACCCCA ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001383.6</u>
Summary:	The protein encoded by this gene is an enzyme involved in the biosynthesis of diphthamide, a modified histidine found only in elongation factor-2 (EEF2). Diphthamide residues in EEF2 are targeted for ADP-ribosylation by diphtheria toxin and Pseudomonas exotoxin A. Defects in this gene have been associated with both ovarian cancer and autosomal recessive intellectual disability with short stature, craniofacial, and ectodermal anomalies. [provided by RefSeq, Oct 2016]
Locus ID:	1801

MW: 49.5