

Product datasheet for **SC330748**

Estrogen induced gene 121 protein (KIAA1324) (NM_001267048) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Estrogen induced gene 121 protein (KIAA1324) (NM_001267048) Human Untagged Clone
Tag:	Tag Free
Symbol:	ELAPOR1
Synonyms:	EIG121; KIAA1324
Vector:	pCMV6-Entry (PS100001)



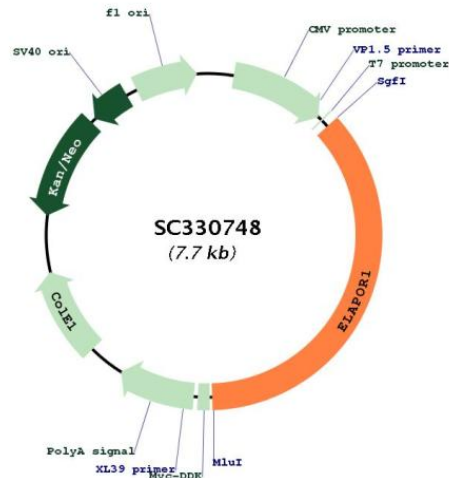
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Fully Sequenced ORF: >SC330748 representing NM_001267048.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCTGAGCCTGGGCACAGCCACCATCTCTCCGCCAGAGTCAGGGGAAGAACTGAGAGGCGCATACCC
 CGGCTGTGGCGGCTGCTGCTCTGGGCTGGGACCGCCTTCCAGGTGACCCAGGGAACGGGACCGGAGCTT
 CATGCCGTGCAAAAGAGTCTGAGTACCACATGAGTACACGGCGTGTGACAGCACGGGTTCCAGGTGGAGG
 GTCGCCGTGCCGCATACCCCGGGCCTGTGCACCAGCCTGCCTGACCCCGTCAAGGGCACCGAGTGTCTCC
 TTCTCCTGCAACGCCGGGAGTTTCTGGATATGAAGGACCAGTCATGTAAGCCATGCGCTGAGGGCCGC
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 ATCAAATCATTTACCTCCAAGGACTCCTGATGGATTGACTCAGTGCCGCTGAAGACATCCTCAGGA
 GGCCTAGACATGGACCTGTGA

Restriction Sites: Sgfl-Mlul

Plasmid Map:



ACCN: NM_001267048

Insert Size: 2781 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).

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:

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_001267048.1](#)

RefSeq Size: 6793 bp

RefSeq ORF: 2781 bp

Locus ID: 57535

UniProt ID: [Q6UXG2](#)

Cytogenetics: 1p13.3

Protein Families: Transmembrane

MW: 102 kDa

Gene Summary:

Expression of this gene is induced by estrogen and the encoded protein has been characterized as a transmembrane protein. The encoded protein has been found in to correlate with survival in certain carcinomas (PMID: 21102415) and may be important for cellular response to stress (PMID: 21072319). Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2012]

Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region and lacks two alternate in-frame exons in the 5' coding region compared to variant 1. The resulting protein (isoform 2) is shorter compared to 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.