

Product datasheet for **RG239756**

Estrogen induced gene 121 protein (KIAA1324) (NM_001284352) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Estrogen induced gene 121 protein (KIAA1324) (NM_001284352) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Estrogen induced gene 121 protein
Synonyms:	EIG121; KIAA1324
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239756 representing NM_001284352.
 Blue=ORF Red=Cloning site Green=Tag(s)

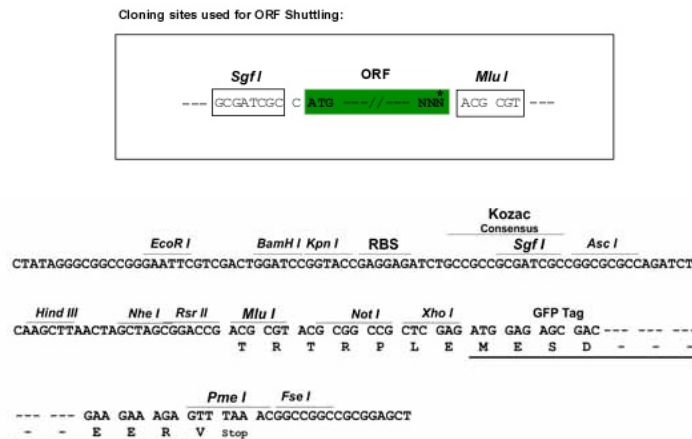
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Protein Sequence: >Peptide sequence encoded by RG239756
 Blue=ORF Red=Cloning site Green=Tag(s)

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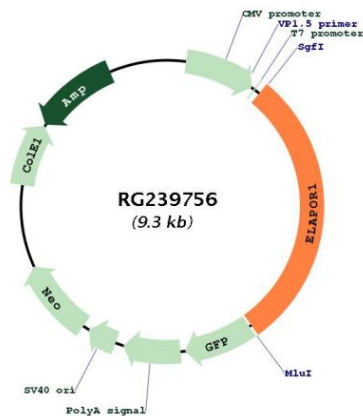
Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN:	NM_001284352
ORF Size:	2706 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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).
RefSeq:	NM_001284352.2
RefSeq Size:	6964 bp
RefSeq ORF:	2709 bp
Locus ID:	57535
Cytogenetics:	1p13.3
Protein Families:	Transmembrane
MW:	99.5 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]

Product images:



Circular map for RG239756