

Product datasheet for **RG240266**

EYS (NM_001292009) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EYS (NM_001292009) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EYS
Synonyms:	bA74E24.1; bA166P24.2; bA307F22.3; C6orf178; C6orf179; C6orf180; dj22117.2; dj303F19.1; dj1018A4.2; EGFL10; EGFL11; RP25; SPAM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240266 representing NM_001292009. Blue=ORF Red=Cloning site Green=Tag(s)

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Protein Sequence:

>Peptide sequence encoded by RG240266
 Blue=ORF Red=Cloning site Green=Tag(s)

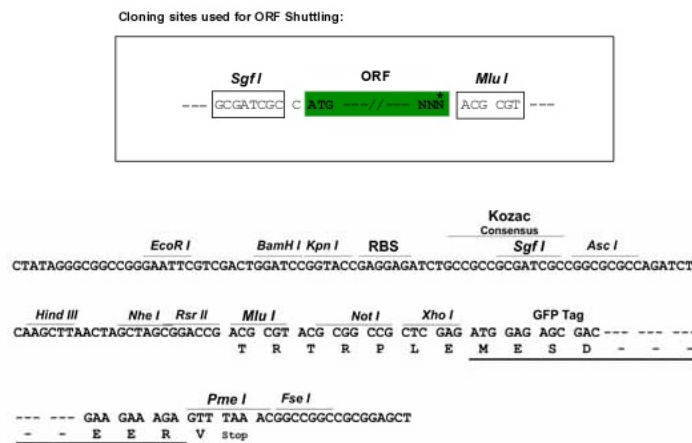
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Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001292009

ORF Size: 9495 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_001292009.1](#), [NP_001278938.1](#)

RefSeq Size: 10652 bp

RefSeq ORF: 9498 bp

Locus ID: 346007

UniProt ID: [Q5T1H1](#)

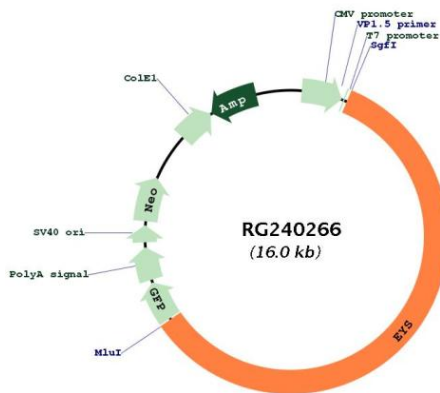
Cytogenetics: 6q12

Protein Families: Druggable Genome

MW: 351.2 kDa

Gene Summary: The product of this gene contains multiple epidermal growth factor (EGF)-like and LamG domains. The protein is expressed in the photoreceptor layer of the retina, and the gene is mutated in autosomal recessive retinitis pigmentosa. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]

Product images:



Circular map for RG240266