

## Product datasheet for **RG239873**

### Eph receptor A5 (EPHA5) (NM\_001281767) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Eph receptor A5 (EPHA5) (NM_001281767) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Eph receptor A5
Synonyms:	CEK7; EHK-1; EHK1; EK7; HEK7; TYRO4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide  
Sequence:

>RG239873 representing NM\_001281767.  
Blue=ORF Red=Cloning site Green=Tag(s)

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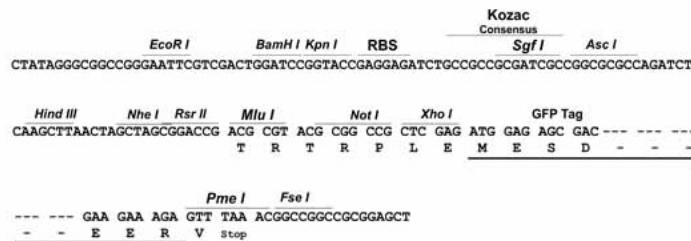
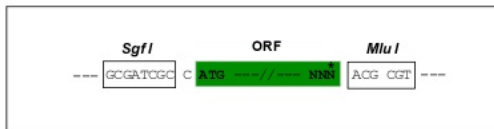
Protein Sequence: >Peptide sequence encoded by RG239873  
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:

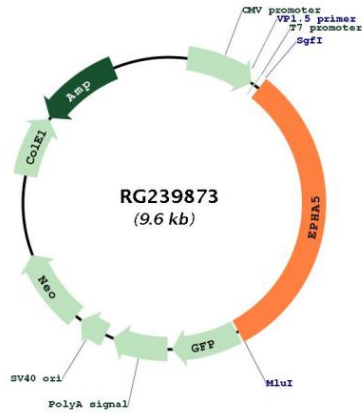


ACCN: NM\_001281767

ORF Size: 3012 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001281767.3</a>
<b>RefSeq Size:</b>	5179 bp
<b>RefSeq ORF:</b>	3015 bp
<b>Locus ID:</b>	2044
<b>Cytogenetics:</b>	4q13.1-q13.2
<b>Protein Families:</b>	Druggable Genome, Protein Kinase, Transmembrane
<b>Protein Pathways:</b>	Axon guidance
<b>MW:</b>	111.5 kDa
<b>Gene Summary:</b>	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Aug 2013]

Product images:



Circular map for RG239873