

Product datasheet for RG236454

EIF3K (NM_001300992) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	EIF3K (NM_001300992) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EIF3K
Synonyms:	ARG134; EIF3-p28; EIF3S12; HSPC029; M9; MSTP001; PLAC-24; PLAC24; PRO1474; PTD001
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf I ORF Miu I GOGATOGO C ATO AND ACG CGT EcoR I BamH I Kpn I RBS Sgf I Asc I

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGCGCGAGATCT Hind III Nhe I Rsr II Miu I Not I Xho I GFP Tag

Hind III Nhe I Rsr II Mlu I Not I Xho I GFP Tag CAAGCTTAACTAGCTAGCGGACCG ACG CG GC GC GC GAG ATG GAG AGC GAC --- ---T R T R P L E M E S D - -

--- GAA GAA AGA GAT TAA ACGGCCGGCGCGGAGCT - - E E R V Stop

 ACCN:
 NM_001300992

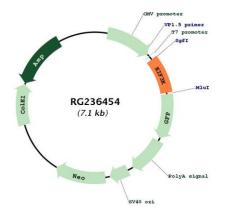
 ORF Size:
 576 bp

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	EIF3K (NM_001300992) Human Tagged ORF Clone – RG236454
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. <u>More info</u>
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:	<u>NM 001300992.2</u>
RefSeq Size:	820 bp
RefSeq ORF:	579 bp
Locus ID:	27335
Cytogenetics:	19q13.2
MW:	22.5 kDa
Gene Summary:	The 700-kD eukaryotic translation initiation factor-3 (eIF3) is the largest eIF and contains at least 12 subunits, including EIF2S12. eIF3 plays an essential role in translation by binding directly to the 40S ribosomal subunit and promoting formation of the 40S preinitiation complex (Mayeur et al., 2003 [PubMed 14519125]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RG236454

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