

Product datasheet for **RG239250**

HGFAC (NM_001297439) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HGFAC (NM_001297439) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	HGFAC
Synonyms:	HGFA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG239250 representing NM_001297439.
 Blue=ORF Red=Cloning site Green=Tag(s)

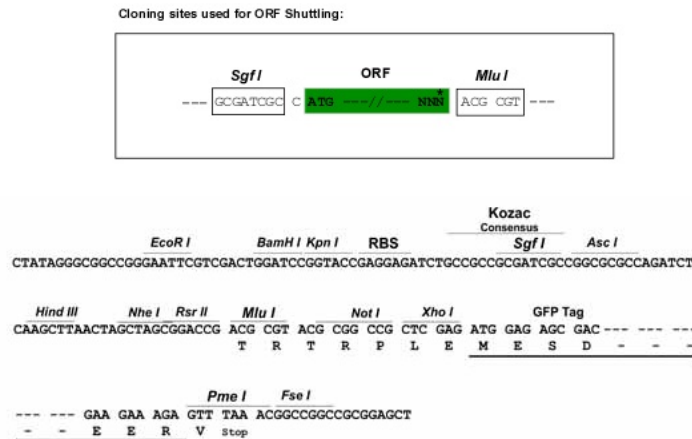
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ACCGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239250
 Blue=ORF Red=Cloning site Green=Tag(s)

MGRWAWVSPWPPPLGPFLLLLLLLLLPRGFQPPGGNRTESPEPNATATPAIPTILVTSVTSETPA
 TSAPEAEPQSGGLPPPRAVPSSSSPQAQALTEDGRPCRFPFRYGGRLHACTSEGAHRKWCATTHN
 YDRDRAWGYCVEATPPPGGPAALDPCASGPCLNGGSCSNTQDPQSYHCSCPRAFTGKDCGTEKCFDETR
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 IIGSSSLPGSHPWLAAYIGDSFCAGSLVHTCWVYSAAHCFSHSPPRDSVSVVLGQHFFNRTDVTQT
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 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPISILQNGGPMFA
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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001297439

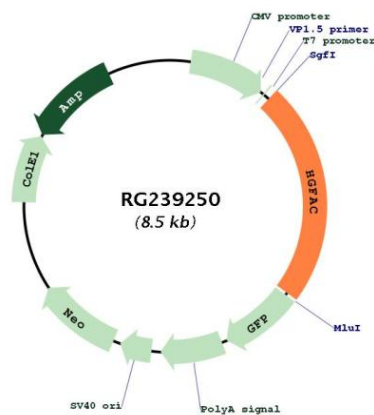
ORF Size: 1986 bp

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_001297439.2
RefSeq Size:	2134 bp
RefSeq ORF:	1989 bp
Locus ID:	3083
UniProt ID:	Q04756
Cytogenetics:	4p16.3
Protein Families:	Druggable Genome, Protease, Secreted Protein, Transmembrane
MW:	71.9 kDa
Gene Summary:	This gene encodes a member of the peptidase S1 protein family. The encoded protein is first synthesized as an inactive single-chain precursor before being activated to a heterodimeric form by endoproteolytic processing. It acts as serine protease that converts hepatocyte growth factor to the active form. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Product images:



Circular map for RG239250