

Product datasheet for **RG240097**

TRPS1 (NM_001282903) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRPS1 (NM_001282903) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRPS1
Synonyms:	GC79; LGCR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240097 representing NM_001282903. Blue=ORF Red=Cloning site Green=Tag(s)

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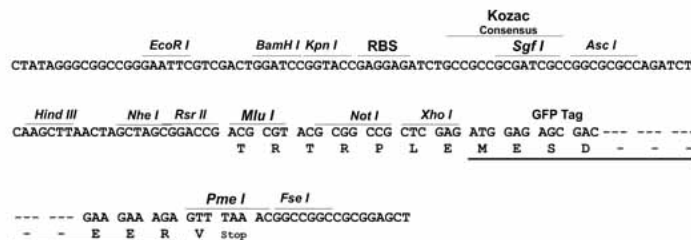
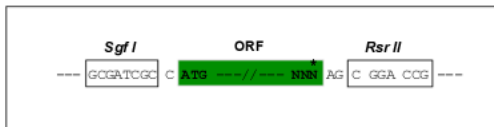
Protein Sequence: >Peptide sequence encoded by RG240097
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-RsrII

Cloning Scheme:

Cloning sites used for ORF Shuttling:

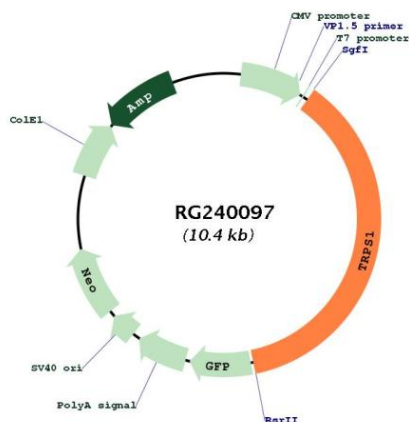


ACCN: NM_001282903

ORF Size: 3861 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_001282903.3
RefSeq Size:	10003 bp
RefSeq ORF:	3864 bp
Locus ID:	7227
UniProt ID:	Q9UHF7
Cytogenetics:	8q23.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	142.7 kDa
Gene Summary:	This gene encodes a transcription factor that represses GATA-regulated genes and binds to a dynein light chain protein. Binding of the encoded protein to the dynein light chain protein affects binding to GATA consensus sequences and suppresses its transcriptional activity. Defects in this gene are a cause of tricho-rhino-phalangeal syndrome (TRPS) types I-III. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG240097