

Product datasheet for **SC329512**

TNNI3K (FPGT-TNNI3K) (NM_001199327) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNNI3K (FPGT-TNNI3K) (NM_001199327) Human Untagged Clone
Tag:	Tag Free
Symbol:	FPGT-TNNI3K
Synonyms:	CARK; TNNI3K
Vector:	pCMV6-Entry (PS100001)

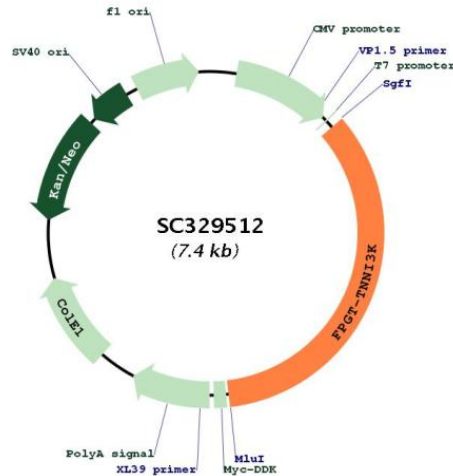


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Fully Sequenced ORF: >SC329512 representing NM_001199327.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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Restriction Sites: Sgfl-Mlul

Plasmid Map:


ACCN: NM_001199327

Insert Size: 2571 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001199327.1](#)

RefSeq Size: 2799 bp

RefSeq ORF: 2571 bp

Locus ID: 100526835

UniProt ID: [Q59H18](#)

Cytogenetics: 1p31.1

MW: 95.9 kDa

Gene Summary:

This locus represents naturally occurring read-through transcription from the neighboring fucose-1-phosphate guanylyltransferase (FPGT) and TNNI3 interacting kinase (TNNI3K) genes. Alternative splicing results in multiple transcript variants that are composed of in-frame exons from each individual gene. [provided by RefSeq, Dec 2010]

Transcript Variant: This variant (2) differs in the 3' UTR and coding region, compare to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform a.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.