

Product datasheet for RG202323

HVCN1 (NM_001040107) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HVCN1 (NM 001040107) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: HVCN1

Synonyms: HV1; VSOP

Mammalian Cell Neomycin

Selection:

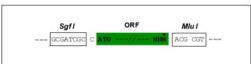
Vector: pCMV6-AC-GFP (PS100010)

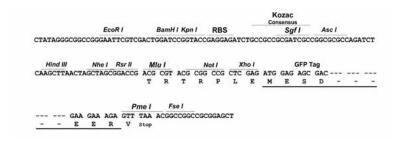
E. coli Selection: Ampicillin (100 ug/mL)

Restriction Sites: Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:





ACCN: NM_001040107

ORF Size: 819 bp



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HVCN1 (NM_001040107) Human Tagged ORF Clone - RG202323

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).

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: <u>NM 001040107.2</u>

 RefSeq Size:
 1736 bp

 RefSeq ORF:
 822 bp

 Locus ID:
 84329

 UniProt ID:
 Q96D96

Cytogenetics: 12q24.11

Protein Families: Druggable Genome, Transmembrane

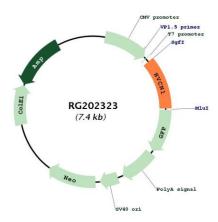
Gene Summary: This gene encodes a voltage-gated protein channel protein expressed more highly in certain

cells of the immune system. Phagocytic cells produce superoxide anions which require this channel protein, and in B cells this same process facilitates antibody production. This same channel protein, however, can also regulate functions in other cells including spermatozoa. Multiple transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, Jan 2012]



Product images:



Circular map for RG202323