

Product datasheet for SC331001

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

HSPC210 (GSKIP) (NM_001271904) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: HSPC210 (GSKIP) (NM 001271904) Human Untagged Clone

Tag: Tag Free
Symbol: HSPC210

Synonyms: C14orf129; HSPC210

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF: >SC331001 representing NM_001271904.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAAACAGACTGTAATCCCATGGAGCTAAGCAGTATGTCAGGATTTGAAGAAGGTTCAGAGCTGAAC
GGTTTTGAAGGAACTGACATGAAAGACATGAGGCTCGAAGCTGAAGCAGTTGTAAATGATGTTCTCTTT
GCTGTTAACAACATGTTTGTCTCGAAAAGCCTGCGGTGTGCGGATGATGTGGCCTATATCAATGTGGAA
ACAAAGGAAAGAAACAGATATTGCCTAGAACTCACTGAAGCAGGGCTCAAGGTGGTAGGCTATGCTTTT
GACCAGGTAGATGATCATTTACAGACTCCCTACCATGAAACAGTCTACTCCTTGTTGGATACACTCAGC
CCCGCCTACCGAGAAGCATTTGGAAACGCACTGCTTCAAAGACTGGAAGCTTTGAAAAGAGATGGACAG

TCATGA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001271904

Insert Size: 420 bp

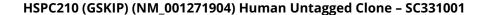
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a

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 001271904.1

 RefSeq Size:
 2665 bp

 RefSeq ORF:
 420 bp

 Locus ID:
 51527

 UniProt ID:
 Q9P0R6

 Cytogenetics:
 14q32.2

 MW:
 15.6 kDa

Gene Summary: This gene encodes a protein that is involved as a negative regulator of GSK3-beta in the Wnt

signaling pathway. The encoded protein may play a role in the retinoic acid signaling pathway by regulating the functional interactions between GSK3-beta, beta-catenin and cyclin D1, and it regulates the beta-catenin/N-cadherin pool. The encoded protein contains a GSK3-beta interacting domain (GID) in its C-terminus, which is similar to the GID of Axin. The protein also contains an evolutionarily conserved RII-binding domain, which facilitates binding with

protein kinase-A and GSK3-beta, enabling its role as an A-kinase anchoring protein. Alternatively spliced transcript variants have been observed for this gene. [provided by

RefSeq, Dec 2012]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, 3 and 4

encode the same protein.