

Product datasheet for SC114239

HSPC210 (GSKIP) (NM_016472) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSPC210 (GSKIP) (NM_016472) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSPC210
Synonyms:	C14orf129; HSPC210
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_016472 edited ATGGAAACAGACTGTAATCCCATGGAGCTAAGCAGTATGTCAGGATTTGAAGAAGTTCA GAGCTGAACGGTTTTGAAGGAAGTACATGAAAGACATGAGGCTCGAAGCTGAAGCAGTT GTAATGATGTTCTCTTTGCTGTTAACAACATGTTTGTCTCGAAAAGCCTGCGGTGTGCG GATGATGTGGCCTATATCAATGTGGAAACAAAGGAAAGAAACAGATATTGCCTAGAAGTCA ACTGAAGCAGGGCTCAAGGTGGTAGGCTATGCTTTTGACCAGGTAGATGATCATTACAG ACTCCCTACCATGAAACAGTCTACTCCTTGTGGATACACTCAGCCCCGCTACCGAGAA GCATTTGGAAACGCACTGCTTCAAAGACTGGAAGCTTTGAAAAGAGATGGACAGTCATGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016472 unedited TTGTAATACGACTCACTTATAGGGCGGCCGCAATTCGCACGAGGCCTCGTGCCGAATTC GGCAGCAGGGCGCAGCTCGGTGCTGATTATCACAACGTTTGGTGACCTACTTCACTGACC TGTGAGGATTCCTCCCTTCAGAATGGAACAGACTGTAATCCCATGGAGCTAAGCAGTA TGTGAGGATTTGAAGAAGTTTCAGAGCTGAACGGTTTTGAAGGAAGTACATGAAAGACA TGAGGCTCGAAGCTGAAGCAGTTGTAATGATGTTCTCTTTGCTGTTAACAACATGTTTG TCTCGAAAAGCCTGCGGTGTGCGGATGATGTGGCCTATATCAATGTGGAAACAAAGGAAA GAAACAGATATTGCCTAGAAGTCACTGAAGCAGGGCTCAAGGTGGTAGGCTATGCTTTTG ACCAGGTAGATGATCATTACAGACTCCCTACCATGAAACAGTCTACTCCTTGTGGATA CACTCAGCCCCGCTACCGAGAAGCATTGGAAACGCACTGCTTCAAAGACTGGAAGCTT TGAAAAGAGATGGACAGTCATGACTACACTTTTTCTTTTCAGAGGGGCTGGTGTGGTAC AGAATGTTGATATAAAGCTTAAATTTCTGCATATGGTCATAGAAAATGCATCTTTGGTT TTGTGTTTTATCACTTGCTTCCAACCTTANGCTTTTGGCTCAGAAGATTATTGAATAATG ATTTGCTTAGTTTCTGTTTCAGTAAAGGAATTCGAGGCCGTTGCTATGATACCATCAT TAAGACATTCACATGCTTCATATAATATCTCTTCATTTCAAATCCTAATCACTATNTCA TACTATTACAGGNCTTTGATGCTGCCAGCACTGTCTTTTACATANGAAATNCTAGATTTG CACCAGTATAGAGGAATTAGAAGTACCTACCTCN



[View online »](#)

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_016472 unedited CAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAAATTAATCATTTATCACAAAATGAA CAATTTCAATTCTTAAACATACAATCACTTTTTTTCATACTAACTCAAAATGAGTAAACA GAATTTTATTCAAACCTTTACAAATATCATTACATTTAGCCTGAGATTAACATGAGAAA GTTCAACCTGAAGTTAGACTTCATTGCCAGTTAAGCATCTGAAAATAAAGCTGAGAATG AACATACATCATCAAAACAAAGCATTCCAATGAAGTCTGGCAATGAATTGTGACACAACT GAACTTTAATTTGCTCTGGTCCACATGATCTTCAGAGCCTAAAAGTTCTGTTTTTTAAT AATGATGGAAAAATATCTGCAAATGATAAATGCATGAAGGTATGACCAGATGCAAATTT TAGTTCAACATTTCTATAGCAGCTGCTTTAGGTGACCATTAAAAAACAACCTCCCCAATCC TACTGTTCAACATGTACTTGAAAAACATGCAGCAGCATGGTACAGTTTATTAAATTTATA AATATCAGTACCTGTAATAAAATATAAAATACTGACTATTCTTTTTCAAATATTAAGTC TCTGAATGCTTCATTCCTTTGGGTTCAAACCCATACAATGCACTCATATTACATTGT AGATTTCCGAATGGAGACAGAACTGTACATCTGTTGGGGAAGTGGGGTGTGTANGAT ACCCAAGCCCTACCTCTAGAAAGTAACCGTTGAGCAAAATACTTTCTGATATATACTGT CCATATGTNAACCCACATCAGAATAGGATCACCCAGGCCAATATTGTTTCTAGGAAACA GAATCTTCTTTCTAAATCCCACCTGAGAGCTTTTTTGTAAAAAAAACGAGCCGTCCC GATCGCCTAGGGCTACAATCTTGAATGAAAATTTACCTCCTTGACGGTTACCTCGCTA ATGGCTGCGTGCAAACCGAACAGACATTTAGCCGTTAATTAATCAGTAAN
Restriction Sites:	NotI-NotI
ACCN:	NM_016472
Insert Size:	2170 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:	<ol style="list-style-type: none"> 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_016472.3 , NP_057556.2
RefSeq Size:	2110 bp
RefSeq ORF:	420 bp
Locus ID:	51527
UniProt ID:	Q9P0R6
Cytogenetics:	14q32.2

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 (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3 and 4 encode the same protein.