

Product datasheet for RC203302L3

OriGene Technologies, Inc.

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SIAH Interacting Protein (CACYBP) (NM_014412) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SIAH Interacting Protein (CACYBP) (NM_014412) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: SIAH Interacting Protein

Synonyms: GIG5; PNAS-107; S100A6BP; SIP

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

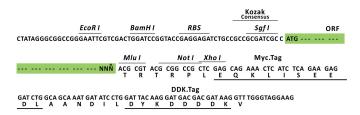
The ORF insert of this clone is exactly the same as(RC203302).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_014412

ORF Size: 684 bp





SIAH Interacting Protein (CACYBP) (NM_014412) Human Tagged Lenti ORF Clone - RC203302L3

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 014412.2</u>

 RefSeq Size:
 3060 bp

 RefSeq ORF:
 687 bp

 Locus ID:
 27101

 UniProt ID:
 Q9HB71

 Cytogenetics:
 1q25.1

Domains: SGS

Protein Pathways: Wnt signaling pathway

MW: 26.2 kDa

Gene Summary: The protein encoded by this gene is a calcyclin binding protein. It may be involved in calcium-

dependent ubiquitination and subsequent proteosomal degradation of target proteins. It probably serves as a molecular bridge in ubiquitin E3 complexes and participates in the ubiquitin-mediated degradation of beta-catenin. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]