

Product datasheet for **SC329504**

KLHL23 (PHOSPHO2-KLHL23) (NM_001199290) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: KLHL23 (PHOSPHO2-KLHL23) (NM_001199290) Human Untagged Clone
Tag: Tag Free
Symbol: PHOSPHO2-KLHL23
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329504 representing NM_001199290.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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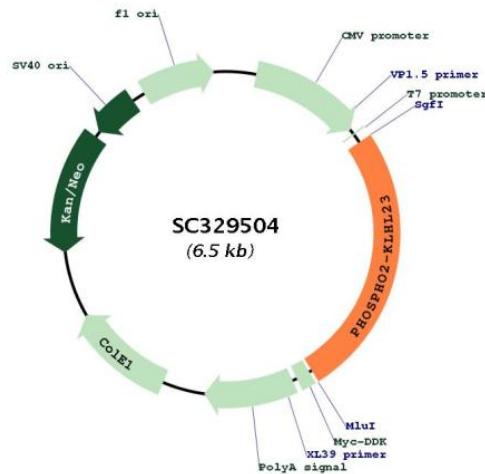
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001199290

Insert Size: 1677 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_001199290.1](#)

RefSeq Size: 4206 bp

RefSeq ORF: 1677 bp

Locus ID: 100526832

UniProt ID: [Q8NBE8](#)

Cytogenetics: 2q31.1

MW: 63.9 kDa

Gene Summary: This locus represents naturally occurring read-through transcription between the neighboring PHOSPHO2 (phosphatase, orphan 2) and KLHL23 (kelch-like 23) genes on chromosome 2. The read-through transcript includes only non-coding PHOSPHO2 exons, and thus encodes the KLHL23 protein. [provided by RefSeq, Dec 2010]
Transcript Variant: This variant (1) represents the longer transcript and encodes the protein.
Sequence Note: This RefSeq record was created from 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.