

Product datasheet for **SC332070**

KIAA0586 (NM_001244193) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: KIAA0586 (NM_001244193) Human Untagged Clone
Tag: Tag Free
Symbol: KIAA0586
Synonyms: JBTS23; SRTD14; Talpid3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332070 representing NM_001244193.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCTGTTTTTAAGGAAGTAAAGGTACATCTGTTAGAAGATGCAGGCATAGAGAAGGATGCTGTTACT
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CAACAAGTTTTGATCAGCAGGATAAAGAATTGTAAGAAC TGA
    
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001244193
- Insert Size:** 4044 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_001244193.1](#)

RefSeq Size: 4331 bp

RefSeq ORF: 4044 bp

Locus ID: 9786

UniProt ID: [Q9BVV6](#)

Cytogenetics: 14q23.1

MW: 149.2 kDa

Gene Summary: This gene encodes a conserved centrosomal protein that functions in ciliogenesis and responds to hedgehog signaling. Mutations in this gene causes Joubert syndrome 23. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Aug 2016]
Transcript Variant: This variant (6) differs in both UTRs and contains multiple differences in the 5' and 3' coding regions, compared to variant 1. The resulting protein (isoform 6) has a shorter N-terminus and a distinct C-terminus.