

Product datasheet for **SC127398**

KIAA0586 (NM_014749) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA0586 (NM_014749) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA0586
Synonyms:	JBTS23; SRTD14; Talpid3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014749, the custom clone sequence may differ by one or more nucleotides

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ATGAAAGGCTCTGAGGTCAGCTTGGAGAAGAAAAAAGATTAAGATGCCAGTGAAGAGACTTCGTGAGG
TAGTTTCTCAAAATCATGGAGATCATTTGGTTTTGCTGAAAGATGAGTTGCCCTGTTCCTCCGGCATT
GTCTGCAAATAAACGTCTTCTGTTGGAACGGGGACTAGTTTGAATGGAACATCACGTGGTTCATCAGAC
TTAACTTCTGCTAGAAATTGTTACCAGCCTCTATTAGAAAATCCCATGGTGTGAGAAAAGTATTTTTCTA
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AGGAGACTAGAATTTACCCAGTGAATTGATTAGCTACAACCGTGGCTGCAGCAACTGCTGCTGCCAT
TGCAACCGCAGCTCCGTTGATAAAGGTGCAGAGTGATTTGGAAGCAAAAAGTCAATTCGTACAGAATTA
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AACAGAGAAATTACATTGTGATGATCAGAAAAGCAAATGAATGTGTTATGGAGCAGCACATAAGGCA
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ATCTTGGTAGCTGTAATCCATCTTTATATAACACATTTGCTTCCAACAAGCACCTTTAAAAGAAGTTGA
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AAAGACAGTGGATGAATGGATTAATACTATTTCTGCAGAAATTCAGGGGCTTTTGAAGCAACCACAGTA
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 ATCTTCTCCCTGTGATTCGGATCATGATAGGCTTTTCTGTGAAAAGAAATATGTGCTGAAAAAGGAGA
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 GCAGTTTTTACCCCACTTTGTCAGATATTTCCATTGATAAATTGAAGGTATCAAGCCAGAGCTTCCCA
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 GTTTCACCAGGTGATATGGATCGGACACAAATTGAGCTTAATCCGTACCTCACATGTGATTTTCAGGTG
 GGAAAGCAGTGCCTCTCCGCTTACAGATGCCCCCTGCCAAGATGTCAGTGTGCTGCCGTGAGTGA
 CCTCGAGGACTGCTCAGTCTCTGAGTCTCAGCAATGCAGGAGGACATGGAGTCTTCGGGGGAGAT
 ACCTTCTGA

Restriction Sites:

NotI-NotI

ACCN:

NM_014749

Insert Size:

5410 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_014749.2 , NP_055564.2
RefSeq Size:	5600 bp
RefSeq ORF:	4515 bp
Locus ID:	9786
UniProt ID:	Q9BVV6
Cytogenetics:	14q23.1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (5) contains an alternate segment in the 5' coding region, uses a downstream start codon, and lacks several alternate in-frame exons, compared to variant 1. This results in a shorter protein (isoform 5), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and 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.</p>