

Product datasheet for **SC113426**

KIAA1704 (GPALPP1) (NM_018559) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA1704 (GPALPP1) (NM_018559) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA1704
Synonyms:	AD029; bA245H20.2; KIAA1704; LSR7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018559, the custom clone sequence may differ by one or more nucleotides

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ATGGCAAGAGACCTGATCGGACCGGCCCTGCCGCCGGCTTCAAGGCCCGCGAACAGCGGAGGACGAAG
AGCGGGACCCGAGCCCTGTTGCAGGACCAGCTCTGCCCCCTAATTATAAAAGCAGTAGTTCAGATTCATC
AGACAGCGATGAAGACAGTAGTCTTTGTACGAAGAAGGAAATCAAGAATCTGAAGAAGATGACAGTGGT
CCAAGTGAAGAAAACAGAGGAAAAATCAGGATGATGACGATGATGATGATGATGGGTTTTTTGGACCAG
CCCTTCTCCTGGATTTAAAAAGCAGGATGATTCTCTCCAAGGCCATAATAGGTCCTGCATTGCCACC
TGGTTTCATTAATCTACACAGAAAAGTGACAAGGCAGAGATGATCCAGGACAACAGGAAACAGACAGC
AGTGAAGATGAGGATATTATTGGACCAATGCCTGCAAAAGGACCAGTTAACTATAATGTAACGACAGAGT
TTGAAAAAAGGGCCAGAGAATGAAAGAAAAATGACCAAGGAGATGATGATTCATCTAAACCCATTGT
AAGAGAGTCATGGATGACTGAACTTCTCCAGAAATGAAAGACTTTGGTCTTGGGCCAAGGACTTTTAAAG
AGAAGAGCTGATGACACATCTGGAGATCGATCAATCTGGACAGATACTCCAGCTGATAGGGAAAGGAAAG
CTAAGGAAACACAAGAAGCAAGGAAGTCATCCAGTAAGAAAGATGAAGAACATATATTATCAGGAAGAGA
TAAGAGACTGGCTGAGCAGGTATCTTCATACAATGAATCAAAAAGATCAGAATCTTTATGGACATACAT
CATAAAAAGTTAAAGAGTAAGGCTGCTGAAGACAAAAATAAGCCTCAAGAGAGAATACCATTTGACCGTG
ATAAAGATCTCAAGGTTAATCGGTTTGATGAAGCTCAGAAAAAAGCCCTAATAAAAAAATCTAGAGAACT
AAACACCAGATTTTCACACGGCAAGGCAATATGTTTTTATAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018559 unedited</p> <pre>TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGNAAACCTGCCATTC TTCCGTGCTGATCGCGGGATTCTTTTTGGATAGGGTTGACGTTTCGTGGATAGACTCATAT CTGTGACCAGTGTCCGCCACCGCGGATGGCAAGAGACCTGATCGGACCGGCCCTGCCGCC CGGCTTCAAGGCCCGGGAACAGCGGAGGACGAAGAGCGGGACCCGAGCCCTGTTGCAGG ACCAGCTCTGCCCCCTAATTATAAAAAGCAGTAGTTCAGATTTCATCAGACAGCGATGAAGA CAGTAGTTCTTTGTACGAAGAAGGAAATCAAGAATCTGAAGAAGATGACAGTGGTCCAAC TGCAAGAAAACAGAGGAAAAATCAGGATGATGACGATGATGATGATGATGGGTTTTTTGG ACCAGCCCTTCTCCTGGATTTAAAAAGCAGGATGATTCTCCTCAAGGCCATAATAGG TCCTGCATTGCCACCTGGTTTCATTAATCTACACAGAANAGTGACAAGGGCAGAGATGA TCCAGGACAACAGGAAACAGACAGCAGTGAAGATGAGGATATTATTGGACCAATGCCTGC AAAAGACCAGTTAACTATAATGTAAACGACAGAGTTGAAAAAAGGGCCAGAGAATGAAA GAANAAC TGACCAAAGGAGATGATGATTTCATCTAAACCCATTGTAAGAGAGTCATGGATG ACTNGACTTNCTNNCAGAATGAAGACTNTGGTCTTGGGCCAAGGACTTNTTAGAGAAGAG CTGATGACACATCTGAGATCGATCAATCTGGACAGATACTCCAGCTGATAGGGAAGGGA AGCTAAGGAAACACAGAGCAAGGNAGTCTCCAGTAGAAGATGAAGACATATATATCAGGA GAG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018559 unedited</p> <pre>GGCCGCAATCTANAGTCGAGTTTTTTNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTTTTAAAAAACCCCACTTTTTTTTATTGCCAGGGAAATCCC CTTAAAAAACATTTTGCCTTTGCCGGGGAAAAACGGGGGTAAATTCTCTAAATTTT TTATTAGGGCTTTTTTTTGAGCTTCATCAAACCGATTAACCTTGAATCTTTATCCGGG CAAAGGGTTTCTTTTTTGGGGCTATTTTTGGTTTAAACAGCCTTACTTTTTAACTTTT TATGAGGGATGGCCCTAAAAAATTCGGACCTTTTGGATTCAATTGGAAGAAAAACCTGGT CACCCAGGCTTTTATCTTTCCCGAAAAAAGGGCCTTCATCTTTCTTACGGGAAGACT CCCTTGCTTTTTGGGGTCCCTTAACTTTCTTTCCCTATAAGCGGGAGTATTTGGCCAAA TTGATCCATCCCCAATGTGTCTCAGCTCTTCTTAAAAGTCCCTGGCCCAAAACCAA AGTTTTTAATTTGTGGAGGAGAGTCAGCCATCCCTGACTCTCTTACAAGGGGTTTAAAGG AATCCCCTCCCTTTGGCCAGTTTTTTTTTATTCTCTGGGCCCTTTTTAAACCTGGCGA ACTTATAGAAACGGGGCCTTTGGAGGCCCTGGCCCAAAAACCCACTCTCCCGTGGGG GTCCCGGGGCCCGGACATTTCTGCCTTGCCCTTTTCGGGGAAATTAGGGAACCCGGGGAC GGGGGCCCTTTTGGCCCTTGGGGAAAACTTCCGCTTTTAAACCGGAGGAGGTTGGCCAA ACCCCTTACCACCCGGAAACCGGATTTCCCTGGTTCGGAGGGCCACGCCATTTTAA AACTGATCCCTTTTTAAAAACCCGGTTTCCGGGGGGGAACCCAAACCGTTTTTATAA GGGCCAACGTGCTTCAAGCCGGGCCCTTCT</pre>
Restriction Sites:	ECoRI-NOT
ACCN:	NM_018559
Insert Size:	1260 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_018559.2](#), [NP_061029.2](#)

RefSeq Size: 1431 bp

RefSeq ORF: 1023 bp

Locus ID: 55425

UniProt ID: [Q8IXQ4](#)

Cytogenetics: 13q14.12