

Product datasheet for **SC324471**

KIAA1279 (KIFIBP) (NM_015634) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	KIAA1279
Synonyms:	KBP; KIAA1279; KIFIBP; TTC20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >OriGene sequence for NM_015634.2 GAGGCCGCTATGGCGAACGTTCCGTGGGCAGAGGTCTGCGAGAAATCCAGGCGCGCTC
GCTCTGTGCGGGTGAAGTGCATAAAATCCGAGAGGAACCATACAAGTCCAAATAC
AGCGCCCGGGCGCTACTGGAAGAGGTCAAGGCGCTGCTCGGCCCTGCGCCTGAGGACGAG
GATGAGCGGCTGAGGCCGAGGACGGCCCGGTGCCGGTGACCACGCCCTGGGGCTGCCG
GCTGAGGTGGTGGAGCCGAGGGGCCGTCGCCAGCGAGCGGTGAGGCTGGCAGTCATC
GAGTTCACCTCGGGTGAACCACATCGACACGAGGAGCTGTGCGCGGGGAGGAGCAC
CTGGTAAAATGCCTGCGGCTGCTGCGCAGGTACCGGCTCTCGCAGACTGCATCTCTCTC
TGCATCCAGGCGCAGAATAACCTGGGTATCTTGTGGTCTGAAAGAGAAGAAATTGAAACT
GCACAGGCTTACCTAGAGTCATCAGAAGCACTATATAATCAGTATATGAAAGAGGTTGGG
AGTCTCTCTTGTACTACTGAGCGTTTTCTTCTGAAGAAGAGAACTTACTGAACAA
GAGAGATCAAAAAGATTTGAAAAGGTTTATACTCATAACCTATATTACCTAGCTCAAGTC
TACCAGCATCTGGAATGTTTGAGAAGGCTGCTCACTATTGCCATAGTACACTAAAAACGC
CAGCTTGAGCACAATGCCTACCATCTATAGAGTGGGCTATCAATGCTGTACCTTGTC
CAGTTTTACATCAATAAGCTATGCTTTATGGAGGCCAGGCACTGTTATCAGCTGCTAAT
GTCATTTTTGGTCAAATGGAAGATCTCAGCCACAGAAGCACTCCTGAAGCTGAAGGA
GAAGTGCCAGAGCTTATCATCAAGAAAGGGGAAATAGCAAGGTGCTGGATCAAAATAC
TGTTTGACTCTCATGCAGAATGCCCAACTCTCCATGCAGGACAACATAGGAGAGCTTGAT
CTTGATAAACAGCTGAACCTTAGAGCTTTAAGGAAAAAGAACTAGATGAGGAGGAAAGC
ATTCGAAAAAGCTGTGCACTTTGGAACCGTGAACTGTGTGATGCCATCTCTGCAGTA
GAAGAGAAAGTGAGCTACTTTGAGACCTTTAGATTTTGAAGAAGCCAGAGAACTTTCTTA
TTGGGTGAGCACTATGCTTTGAGGCAAAAGAGTTCTTTGAGATTGATGGTTATGCTACT
GACCATATTGAAGTTGTCCAAGACCACAGTGTCTGTTAAGGTGCTTGCACTTTTGAA
ACTGACATGGAGAGACGGTGAAGATGCATAAACGCAGAATAGCCATGCTAGAGCCCTTA
ACTGTAGACCTGAATCCACAGTATTATCTGTTGGTCAACAGACAGATCCAGTTTGAAATT
GCACATGCTTACTATGATATGATGGATTTGAAGTTGCCATTGCTGACAGGCTAAGGGAT
CCTGATTACACATTGTAATAAATAAATAATCTTAATAAGTCAGCACTGAAGTACTAC
CAGCTCTTCTTAGACTCCCTGAGAGACCAATAAAGTATTCCTGAGCATATAGGGGAA
GATGTTCTTCGCCCTGCCATGTTAGCTAAGTTTCGAGTTGCCGCTCTCTATGGCAAAATC
ATTACTGCAGATCCCAAGAAAGAGCTGGAATAATTGGCAACATCATTGGAACATTACAAA
TTTATTGTTGATTACTGTGAAAGCATCCTGAGGCCGCCAGGAAATAGAAGTTGAGCTA
GAACTTAGTAAAGAGATGGTTAGTCTTCTCCCAACAAAATGGAGAGATTGAGAACCAAG
ATGGCCCTGACTTAATCCTTGTTTTAAAGAAAGGAAATGTGCAATATTGAAGTGATCTT
TTTCCCTAGTCAGACAGGCCCAATTCCATTGTGATGTTTACCTTTATAGCCAGGTGAGTG
CAGTTTGAACCTTGAGATACAGTCAACTGAGTGTTGCTAGGATCCTAAGGAACATAAAGT
TAATAAAACTTACACCTAATTATGTAATTGCCTTGTTAAAGACATGTGATTGTATT
TTAGATGCTTGTCTTCTATTAAAAATACAGACATTCTACCCCTCAGTTTCTAAATGTAGAC
TATTTGTTGGCTAGTACTTGATAGATTCTTGTAAAGAAAAATGCTGGGTAATGTACCTG
GTAACAAGCCTGTTAATATATTAAGATTGAAAAAGTAACTTCTATAGTTACTCCTTCTAA
AATATTTGACTTCTAAATCCCCCACCACAAATCTTCCCTTTTGAAAATACTAAAA
CTAAGTTATGTTATTATAAAGTGTAAGTGGTTTGTCTTAATTATAGGAGAAAAAGGCCT
TGTTAGAAATAAAATAAAGTGAATTTTCACTAATGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_015634

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_015634.2 , NP_056449.1
RefSeq Size:	2542 bp
RefSeq ORF:	1866 bp
Locus ID:	26128
UniProt ID:	Q96EK5
Cytogenetics:	10q22.1
Gene Summary:	This gene encodes a kinesin family member 1 binding protein that is characterized by two tetratricopeptide repeats. The encoded protein localizes to the mitochondria and may be involved in regulating transport of the mitochondria. Mutations in this gene are associated with Goldberg-Shprintzen megacolon syndrome. [provided by RefSeq, Mar 2010]