

Product datasheet for **SC113722**

Kanadaptin (SLC4A1AP) (NM_018158) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kanadaptin (SLC4A1AP) (NM_018158) Human Untagged Clone
Tag:	Tag Free
Symbol:	Kanadaptin
Synonyms:	HLC3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113722 sequence for NM_018158 edited (data generated by NextGen Sequencing)

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ATGTTAGCACTTTCGCAACGCTCCAGGTCGTGAAGGAGCAACTTCACCATCGCCGCCT
ACAGACGCCACTGGGAGCTTGGGAGAGTGGGACGTGGACAGGAACGTAAGACCGAAGGG
TGGGTTTCGAAGGAGCGGATTTTCGAAGTTGCACCGGTTGAGGATGGCTGACATTCTCTCT
CAGTCAGAGACCTTGGCGTCGCAAGACCTCAGTGGGACTTCAAGAAGCCAGCTCTGCCG
GTGTCCCCAGCGCGCGAGTAAGGCCCCGGCCAGCAGTTCTTCAAACCTGAGGAGGTA
CAGAAGGAAGGGCCCACTGCGTTGCAGGACTCCAATTCTGGGGAGCCCGACATCCCTCCT
CCTCAGCCGGAAGTGGGTGATTTTAGGAGTCTACAGGAGGAGCAGTCGCGCCCCCGACA
GCGGTTTCTTCCCTGGCGGTCCAGCCCGGGCTCCCCCTACCAAGAGCCTCCATGGGGT
GGCCCTGCCACAGCCCCCTACAGCTTAGAGACCCTGAAGGGCGGCACTATCCTTGGCACC
CGTAGCTTGAAAGGGACGAGTTACTGCCTTTTCGGGAGGCTGTCTGGCTGCGACGTGTGC
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GACGGAGAATGCGACAGCAACGGGCCGGGCTTCTACCTCTACGATCTGGGAAGCACCCAT
GGCACTTTTCTCAACAAAACCTCGCATCCACCTCGCACCTACTGTGAGTCCACGTTGGG
CATGTTGTTTCGCTTTGGAGGCAGCACCCGGCTCTTTATCTGCAGGGACCAGAGGAAGAC
CGAGAGGCAGAATCCGAGTTAACAGTAACACAGTTGAAGGAATTGCGCAAGCAGCAGCAA
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Clone variation with respect to NM_018158.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018158 unedited
 GTATCCGACTTCTATAGGGCGGCCGGAATTCGGCACGAGGCACAGCATCCCGATAACC
 GTTTTGTGTTTTCTCATATTATGACCTTCTCATGTTAGCACCACTTCGCAACGCTCCAGGT
 CGTGAAGGAGCAACTTCACCATCGCCGCTACAGACGCCACTGGGAGCTTGGGAGAGTGG
 GACGTGGACAGGAACGTAAGACCGAAGGGTGGTTTCGAAGGAGCGGATTTTGAAGTTG
 CACCGGTTGAGGATGGCTGACATTCTCTCAGTCAGAGACCCTGGCGTCGCAAGACCTC
 AGTGGGGACTTCAAGAAGCCAGCTCTGCCGGTGTCCCCAGCGGCGCGAGTAAGGCCCGG
 GCCAGCAGTTCTTCAAACCTGAGGAGGTACAGAAGGAAGGGCCCACTGCGTTGCAGGAC
 TCCAATTCTGGGAGCCCGACATCCCTCCTCCTCAGCCGACTGCGGTGATTTTAGGAGT
 CTACAGGAGGAGCAGTCGCGCCCCCGACAGCGGTTTCTTCCCCTGGCGGTCCAGCCCGG
 GCTCCCCCTACCAAGAGCCTCCATGGGGTGGCCCTGCCACAGCCCCCTACAGCTTAAAG
 ACCCTGAAGGGCGGCACTATCCTTGGCACCCGTAGCTTGAAGGGACGAGTTACTGCCTT
 TTCGNAGGCTGTCTGGCTGCGACGTGTGCTGGAGCACCCCTTNCGTGTCTCGGTACCAC
 GCAGTGTGTCAGCACAGGGCGTCCGGCCCTGACGGAGAATGCGACAGCAACGGGCCGGG
 CTTCTACCTCTACGATCTGGGAAGCACCCATGGCACTTTTCTCAGAACTCGCATCCCA
 CCTCGCACCTACTGTNGAGTCCACGTGGGCATGTTGNTCGCTTTGGAGGCAGCACCGGC
 TTTTATCTGTCAGGACCAGAGGAGACGANAGCANNATCGAGTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018158 unedited
 GGCGCCGGGGAACCAANCNAGCACAGATATCNNNNNNNGGNNNTTCTGTGNNACCGG
 GCCCGCAATCTANGATCGAGTTTTTTTTTTTTTTTTTTTATTAGGAACATTTTTGCCTT
 CTTATTTTAATAGGATCATGTCTCTCACTTTACAAATTCTCAAAACATATGGTCCCTTT
 TTACATACATATATAAACACTTTTAAACATAAATATCAATGCATGAGAAATCATATGGGC
 AGATAAATTTAGGAAGCCAAGAACTCTTAACGAAAAGCCAGTCACCAGATCTTACAAATA
 ATCATCTAAACTTCTCTGGCCATTCAATTTGATACATTATCCCAAATATTCCATGTCACA
 TGGTCCACAAGGTTTTCTTTGGGATTCTGAAGCAATCAATAGCCATACTTGTCATTAAG
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 ATCTTCAGGATATTTGGAAGAAAGTGTGGTGGGAGTTTGCCTGGACCAGGTGTTTTCTT
 TTTCTTCAATTCACCTCTGCTTTTCTCATATTCATTCTTTGATGCTGAGGGTCTGCGCA
 CAATGAAGTGGTTTTGCTACAGTCTTGATAATCTTTATTCTGTTCTTCTCGTAAGTTG
 AGACATGTTTTTCATGGGTTTGGGTTTTCTTTAAATGTGTGAGATCTGTGGGAGGCCTCAT
 TTTCTGCACTGCTGCTTCTGGCTCTATCTCTGGCTGTGGCCTACTGAGGCTTCCATCCTC
 CAGNTTTTCTTTTCATGCTCCTCCTTTTCTCTCTCTCCTCTCCTCTTCTCCTCCTCT
 TCTACTTCAGGCTCATCTTTTATTCCATTAAAGTTGAAGGAGTTCTTGACCCTTGGGGG
 GAACCTTCTACGGTCCAGTTTTATATGAATTGGTTCTCCTTCTGCCCCAATAAGGCA
 TGAAGCTTTTACCTTGGTTTC

Restriction Sites:

NotI-NotI

ACCN:

NM_018158

Insert Size:

2760 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_018158.1](#), [NP_060628.1](#)

RefSeq Size: 2954 bp

RefSeq ORF: 2391 bp

Locus ID: 22950

UniProt ID: [Q9BWU0](#)

Cytogenetics: 2p23.3

Domains: FHA