

Product datasheet for **SC216786**

KIDINS220 (NM_020738) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KIDINS220 (NM_020738) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KIDINS220
Synonyms:	ARMS; SINO
ACCN:	NM_020738
Insert Size:	1892 bp



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Insert Sequence: >SC216786 3'UTR clone of NM_020738
 The sequence shown below is from the reference sequence of NM_020738. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTTGGAGAAGAAAGAGAAAGCATTCTTTGAGAAAAACAAGCAAAGGAGAAGAGTGTACTGTACCTTTA
TGACAGAATTGTCTGGATTTTACTCCATCCACGCCCATCACCTTTCTACATTTTGTGACAGATAAC
TAACCGATGATGAGGCCGAGGTAAGAGACATCTGCAGTGTGACAGAAGGGAGCATGAGAAGCATGGC
TCACCAGCCAGCCTCTGTGGTCTTTGTAATTAGAAGCTTCAGAACTACTAATACTACTGTACCTTTCA
TTGGCGCATTACCCATAAACTTTTTGAGACGAGGTGAGATCTGAGTATAAAGATAGGTCAGAAGTAT
TTTAAAGGGCTTAATGTGCCAAAAAGAAAAAGCTAGAGACCCTTTTTGCAAACATTTGGTGACCACA
CATTTGAGGGAAGACGTGGCGTTAGGTGAAGCAGAAGCAAACCCTGCTCTTAGGGGCTCACCTAGGTGA
GTGCACAGCCTGTGACGCTACAGGGAGAGGCTGAGTAAACCGAGATCCAGCGTTCTGTATGGCAGGGGT
ATTGCTTATCACAGAGGTTCTGAAGAGTAGGAAGTACATAATGAAGAGGGCTTTAAAAATTGCCAACAA
AGTGAGTCACCAGGGCTGGCAGTAGTGTGACGGGGCTGTCTGAGCTGTTAGGAGAGTAGATGCGGGGA
GGGCTGGTGACCTCCGTGGGTTTATATGTGCGAAACTCTTCTCTCCAAATCCCAGGCCTGGCTTCCAGC
ACCATCCAGCTGTGCCAAGAAGCCACCCTGGTCTGTTCTCCAACCTTTTTAAATGGTGCCCAACTTTT
CTAAGTGAGCTTAGCAATGAGAAGAAAAAACAATGAATCTTTTTCTGGAAAAACAGGGAGACATGG
GTAATAATAGGTACTAATAAATATTTATAGATGAGTGAATGAGGAAATAATTACATCAAAAAGGTCAGT
GACAATTGATAAATGACAAGGAAATATTAATTAGGTAAGTAACTAAATCATTGCTCTATACTAGGATA
GACTTTTACTACTTCATCTGTTCCCTAAGTCAGCATGTTAGTTCTGGGGAAGGATCATAAGAAAGGAAAT
ACTTTTTAAAAAAAATTTGAAACATGTAAACAAGCAAGGGTAAAATATATATATATCTATATAAG
TGCTGTGACTGTAAAAGTGTACTTTCCATTAATTATTAGCCGAGTTAAGAGAATGGTCACATTGAAGTA
CTGTGTGGACTAGAAATGTACCCTGTCATCATGCAATGAAATATTGTTATCGTTTTAACATAGCTCATT
TATGTAGAATGAATCTGGTGGTTTACCCCAAGTCACAGTTAGGACGGTAGATGGTGAGATCGCAGATG
CGCTATTATCTAGATTGAGTGTACATTTTCGATGTTTACTCAGTGGGTTTTTATTAATATGCTGA
TTAAGTTATTTACTGGCCAGTCATTGTGCTAAATAGTTGCTCTTTTGTGTTTCATTGCCTTGATGTTT
GAGTGTAATCTAGCATTTAATACAGTGTATTTTGCATGATCTTAAACAATGTTTTAAGCAATTTT
AAAAAGGCAGGATGTTATTGACATTATACACTGAAGTCTTAACATTTTAACTTTATAGTGCTTATTG
CAAAATTTGATAATTAGGAATTATTCAGAGACAATGTTTTCTTTTTCAGGTGAGTAGTTGCCGCGTAA
TATCATTGGAGTACATTCTTTATACTGTTTGTGAAATTAATACTAGCATATTAAGTGTACAAATAGATT
TAGAAAACAATAAAAAATTCATGCTATTCTGACTCATGAATTTTTATTCACTATGATGATTCACATTT
TGATTAATAATAAAGTAGTTTGTGTGTT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_020738.4](#)

Summary:

This gene encodes a transmembrane protein that is preferentially expressed in the nervous system where it controls neuronal cell survival, differentiation into axons and dendrites, and synaptic plasticity. The encoded protein interacts with membrane receptors, cytosolic signaling components, and cytoskeletal proteins, serving as a scaffold that mediates crosstalk between the neurotrophin pathway and several other intracellular signaling pathways. Aberrant expression of this gene is associated with the onset of various neuropsychiatric disorders and neurodegenerative diseases, including Alzheimer's disease. Naturally occurring mutations in this gene are associated with a syndrome characterized by spastic paraplegia, intellectual disability, nystagmus and obesity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2017]

Locus ID:

57498

MW:

73.1