

Product datasheet for **SC210152**

HIP55 (DBNL) (NM_001014436) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HIP55 (DBNL) (NM_001014436) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DBNL
Synonyms:	ABP1; HIP-55; HIP55; SH3P7
ACCN:	NM_001014436
Insert Size:	2000 bp



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Insert Sequence: >SC210152 3'UTR clone of NM_001014436
 The sequence shown below is from the reference sequence of NM_001014436. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGCCAACTACGTGGAGCTCATTGAGTAGGCTGAGGGCACATCTTGCCCTTCCCCTCTCAGACATGG
CTTCCTTATTGCTGGAAGAGGAGCCTGGGAGTTGACATTCAGCACTCTTCCAGGAATAGGACCCCCAG
TGAGGATGAGGCCTCAGGGCTCCCTCCGGCTTGCCAGACTCAGCCTGTCACCCCAAATGCAGCAATGGC
CTGGTGATTCCCACACATCCTTCTGCATCCCCGACCCTCCCAGACAGCTTGGCTTTGCCCTGACA
GGATACTGAGCCAAGCCCTGCCTGTGGCCAAGCCCTGAGTGGCCACTGCCAAGCTGCGGGGAAGGGTCC
TGAGCAGGGGCATCTGGGAGGCTCTGGTGCCTTCTGCATTTATTTGCCTTTTTTCTTTTCTTTGCT
TCTAAGGGGTGGTGGCCACCCTGTTTAGAATGACCCTTGGGAACAGTGAACGTAGAGAATTGTTTTTA
GCAGAGTTTGTGACCAAAGTCAGAGTGGATCATGGTGGTTTGGCAGCAGGGAATTTGTCTTGTGGAGC
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CCAAGCTCCCACCTGGGTATTCAAAAACGGCAGACACAACATGTTCTCCACGGCGCTCACTCGATGC
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GTTGTCTTCCCCTATTTTCTGTCCAGCTCATCCGTGTCTCTGAAGAACAATATGCTTTTGGACCACG
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CTTCTCGGTTCCAGTTCCTCTAGGAGAGGCCAAGGGCTGCCCTGCTCCAGCTTCCAGGGAGCCTCTGC
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CTCCTGTGCCCAAGAGCTGCTAGGCAGACTGCTAGGCGGTTGACTCAAGGTGTTACCTGCTAGTGCCTG
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AGGGCTTCTGTGTGCCTCTCCATGAAGAGGGAACCTCCCTCCACTCCCATGGAAGACCAGGTTTGG
GCTGTTGCCAGCTTTGAGGCCCTGTGGGCTTGCCTGTCCCAACCAAGAGGCAGGGCTCAAAGTGC
ACCCGGGGTTGCAAGGACAGCAGAGGACCACCTGCCCTCTGCAGGAAGCTGCCAGGAAGCCGTGTCC
TGGGCTGTGGTCTTGTCCCCATGGGAGAGCTGGGTCACTTGGCCTCTTAACTGGCCCAAGCAC
GCCAATTCGGAGCATGGTTACTAAGTGGCTCTGAAGCTTCAAGGTCACCCACAGGCTTGTCTGACTGC
AAACTCATGGAGTGGTTGCAGCCCTGGCTCAGTGTCTGATGACTAGGTGTGGTACTAGGCTCCTGCC
CCTGGTGACACACGTATGGAGTGGGGAGGGTGGGTGGCTGCACCCTGGTTCTGGAGTCCCCACAGCT
GATGGCGGTGTGAGCCTGGCATGCACGGCTGCGCTGGACTCCAGGCTGTTGGGGAGGTGCCTTTATTG
CCCAAGCCACCCTCACTTGGCCTTGGCCTGGGAGCCACAGCCTCCATGGCCTTCCGACCCGTTTCC
TCATCACCCAGGAAGTGCATGGGCTTGGTGGGCTTCAAGTCTTGTTCAGCTCATACACAATGGGGAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001014436.3](#)

Summary:

Adapter protein that binds F-actin and DNM1, and thereby plays a role in receptor-mediated endocytosis. Plays a role in the reorganization of the actin cytoskeleton, formation of cell projections, such as neurites, in neuron morphogenesis and synapse formation via its interaction with WASL and COBL. Does not bind G-actin and promote actin polymerization by itself. Required for the formation of organized podosome rosettes (By similarity). May act as a common effector of antigen receptor-signaling pathways in leukocytes. Acts as a key component of the immunological synapse that regulates T-cell activation by bridging TCRs and the actin cytoskeleton to gene activation and endocytic processes.[UniProtKB/Swiss-Prot Function]

Locus ID:

28988

MW:

72.1