

Product datasheet for **SC327130**

FNBP1L (NM_001164473) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FNBP1L (NM_001164473) Human Untagged Clone
Tag:	Tag Free
Symbol:	FNBP1L
Synonyms:	C1orf39; TOCA1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001164473, the custom clone sequence may differ by one or more nucleotides <pre> ATGAGCTGGGGCACGGAGCTGTGGGATCAGTTCGACAGCTTAGACAAGCATACACAATGG GGAATTGACTTCTTGGAAAGATATGCCAAATTTGTTAAAGAGAGGATAGAAATTGAACAG AACTATGCGAAACAATTGAGAAATCTGGTTAAGAAGTACTGCCCCAACGTTTCATCCAAA GATGAAGAGCCACGGTTTACCTCGTGTGTAGCCTTTTTTAATATCCTTAATGAGTTAAAT GACTATGCAGGACAGCGAGAAGTTGTAGCAGAAGAAATGGCGCACAGAGTGTATGGTGAA TTAATGAGATATGCTCATGATCTGAAAACGAAAGAAAAATGCATCTGCAAGAAGGACGA AAAGCTCAACAATATCTTGACATGTGCTGGAAACAGATGGATAATAGTAAAAAGAAGTTT GAAAGAGAATGTAGAGAGGCAGAAAAGGCACAACAGAGTTATGAAAGATTGGATAATGAT ACTAATGCAACCAAGGCAGATGTTGAAAAGGCCAACAGCAGTTGAATCTGCGTACGCAT ATGGCCGATGAAAATAAAATGAATATGCTGCACAATTACAAAACCTTTAATGGAGAACAA CATAAACATTTTTATGTAGTGATTCTCAGATTTACAAGCAACTACAAGAAATGGACGAA CGAAGGACTATTAACACTCAGTGAGTGTTACAGAGGATTTGCTGACTCAGAACGCAAAGTT ATTCCCATCATTTCAAATGTTTGAAGGAATGATTCTTGACGCAAAATCAGTTGATGAA AGAAGAGACTCTCAAATGGTGGTAGACTCCTTCAAATCTGGTTTTGAACCTCCAGGAGAC TTTCCATTTGAAGATTACAGTCAACATATATATAGAACCATTTCTGATGGGACTATCAGT GCATCCAAACAGGAGAGTGGGAAGATGGATGCCAAAACACAGTAGGAAAGGCCAAGGGC AAATTGTGGCTCTTTGGAAAGAAGCCAAAGCCACAGTCCCCACCCTTAACCCCTACTAGT TTATTCACATCCAGTACTCCTAATGGGTCCCAGTTTCTCACAATCTCCATTGAGCCCGTG CATTATTGTATGAATGAAATAAAACAGGGAAGCCAGAAATCCTTCTTTCAGAAGCCTC AAAAGAGGGTGGTCGGTGAAGATGGGCCAGCACTAGAAGATTTAGTCATCTGCCACCA GAACAGAGACGTAAAAAAGTACAGCAGCGCATTGATGAAGTTAACAGAGAACTACAGAAA GAATCAGACCAAAAAGATGCACTCAACAAAATGAAAGATGTATATGAGAAGAATCCACAA ATGGGGGATCCAGGGAGTTTGCAGCCTAAATTAGCAGAGACCATGAATAACATTGACCGC CTACGAATGGAATCCATAAGAATGAGGCTTGGCTCTCTGAAGTGAAGGCAAAACAGGT GGGAGAGGAGACAGAAGACATAGCAGTGACATAAATCATCTTGTAAACACAGGACGAGAA AGTCTGAGGGAAGTTACACTGATGATGCAAAACAGGAAGTCCGTGGGCCACCCAGCAG CATGGTCAACCAATGAGTTTGATGATGAATTTGAGGATGATGATCCCTTGCCTGCTATT GGACACTGCAAAGCTATCTACCCTTTTGATGGACATAATGAAGTACTCTAGCAATGAAA GAAGGTGAAGTTCTCTACATTATAGAGGAGGACAAAGGTGACGGATGGACAAGAGCTCGG AGACAGAACGGTGAAGAAGGCTACGTTCCACGTCATACATAGATGTAACCTCTAGAGAAA AACAGTAAAGTTCC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001164473
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.
RefSeq:	<u>NM_001164473.1, NP_001157945.1</u>
RefSeq Size:	4091 bp
RefSeq ORF:	1818 bp
Locus ID:	54874
UniProt ID:	<u>Q5T0N5</u>
Cytogenetics:	1p22.1
Gene Summary:	The protein encoded by this gene binds to both CDC42 and N-WASP. This protein promotes CDC42-induced actin polymerization by activating the N-WASP-WIP complex and, therefore, is involved in a pathway that links cell surface signals to the actin cytoskeleton. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (3) encodes the longest isoform (3).