

Product datasheet for **SC324463**

HSPBAP1 (NM_024610) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSPBAP1 (NM_024610) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSPBAP1
Synonyms:	PASS1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024610.3
 GGCGGGAGTCGCCGGGGCTTCTTCTGTGGTGCAGCTTCGGGTCTCGGAGTTTGGCCCT
 ACTCTGACCCACCCAGCTCCGCTCCGCTTGGGTTCGGCAGAACCCGCTTGGGTA
 GCCATGGCAGCAGGCTCCGAGGCGACACTCCTGTGATCGTTGCGGCTGGGGCTGGAGGG
 GAGGAAGGTGAACATGTCAAACCTTTTAAGCCAGAGAAAGCAAAAGAAATTATCATGTCT
 TTACAACAACCTGCAATCTTCTGAACATGGTGTGTTGATTGGCCAGCACGACACTGGAAT
 GCTAAATACCTTTCGAGGTCTTCATGGCAAGCAGATACGATTGAGAAATGGGGATGAAA
 AGCATGAGCACAGTTTCTCAGTTTGAAACTACATGTAATTACGTAGAAGCTACACTCGAA
 GAGTTTCTGACCTGGAAGTGTGACCACTAGTATTTCTGGACATTTAGAGATTATGAC
 CATTCCAAGTTCTGGGCTTATGCTGACTATAAATATTTTGTGAGTCTATTTGAAGACAAG
 ACAGATCTTTTCCAGGATGTGAAATGGTCTGACTTCGGGTTTCTGGAAGAAATGGACAG
 GAAAGTACATTGTGATTGGCTCCTTGGGAGCCACACACCTGTCTGACTGCTCTAT
 GGTTGTAACCTGGTATTCCAGGTACAAGGAAGGAAACGATGGCATCTCTTCTCTCTGAA
 GATACTCCTTTCTTTATCCAAGTACAATCCCTTATGAAGAATCTAGTGTGTTGAGTAA
 ATCAATGTTGTCAATCCTGATTTAAAGCGTTTTCTCAGTTCGGGAAAGCTCAAAGACAT
 GCGGTTACACTGAGCCAGGACAGGTTCTTTGTTCCAGACACTGGTGGCATTACGTA
 GAATCCATTGATCCTGTCACTGTGAGTATAAACTCATGGATTGAACTGGAAGAGGATCAC
 CTAGCCCGGGTAGAAGAGGCAATCACCCGTATGCTTGTGTGTGCCCTGAAAAGTGCAGAG
 AATCCACAAAATACCAGAGCCTGGTTAAACCCCACTGAGGTTGAGGAAACGTCCCATGCA
 GTCAACTGTTGCTACTTAAATGCAGCTGTTTCTGCATTTTTGATCGCTGCAGAACATCT
 GAGGTAGTAGAAATCCAAGCACTGAGAACAGATGGAGAGCACATGAAAAGGAAGAATTA
 AATGTGTGCAACCACATGGAGGTGGGCCAAACAGGTAGCCAGAACTTGACCACAGGAACA
 GACAAACCGGAGGCAGCAAGTCCCTTTGGCCCTGATCTGGTCCCTGTAGCACAGAGGTCC
 GAAGAACCCTTCAGAAAGAGGAGGCATATTTGGAAGTATGGGAAAGACTTTGTGGAC
 AAGGATGGAGAACACTTTGGAATTTGCAATTGTGCCAAGAGACAACAAATATGAGCAAC
 AGTGAAATGCAATTGAGGAACAGATTGCCTCAAATACTACTACGACTCCTCAAACATTC
 ATTTCTACGGATGACTTGTGACTGCTTGGTGAATCCACAAGTAACCAGGATAGTGGCA
 CAACCTTTGATACAAGGAAGAAGTTTATGATTCAAGTGAAGATGACTTTTAAATAATA
 TTTTTTAAATATATATTTTAAAGTAGTATGACTAAAATAAAGATGAACCAGCAAAAGGTC
 AGTTTGCACATTTGTAATGTATTTATCCTTACCGAATTACATGTCAGTCTGTTGCCACC
 TTCTTTTATGACATTCCTCTTTGGCCAACTGGCTGCTCTTTGTTTGAAGCTTTTGT
 CCTCTCTCATCCATACTTTTAGCTGTGTAATGTAAGTCCCAAGTATTTCCAGCAGG
 AAGTAATGTCTTCTCAGCTCAACCAGGACCAACCGGCTGCTTACTTTTGCAATAAA
 ATTTTACTAGAACACGAACAAAAA

Restriction Sites: Please inquire

ACCN: NM_024610

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_024610.3, NP_078886.2</u>
RefSeq Size:	1961 bp
RefSeq ORF:	1467 bp
Locus ID:	79663
UniProt ID:	<u>Q96EW2</u>
Cytogenetics:	3q21.1
Domains:	JmjC
Gene Summary:	This gene encodes a protein that binds to one of the small heat shock proteins, specifically hsp27. Hsp27 is involved with cell growth and differentiation. This encoded protein was found to be abnormally expressed in patients with intractable epilepsy, although how brain function is affected remains unknown. [provided by RefSeq, Sep 2011] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).