

Product datasheet for SC335908

HSPBP1 (NM_001297600) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSPBP1 (NM_001297600) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSPBP1
Synonyms:	FES1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335908 representing NM_001297600. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGGGTGCAGGAGCTCCCCTGAAACGCCGCTTCTCAGCAGACCCTCAAGAATCGACCCATCAGGA
CGCCAGAGCTGCTTACGCGGTGACACCTTCTCCCTCTAACACATTCTTCCCTTCTTACAAACGGCCC
ATGTCAGACGAAGGCTCAAGGGGGAGCCGCTGCCCTGGCGCTGCCCGGCGCTCCAGGGTTGCTCT
TCAGGGGGCGGGCGGGGCTCCTCGGCTGGGGGCTCGGGCAATCCCGGCCCCACGCAACCTCCAA
GGCTTGTGCAGATGGCCATCACCGGGGCTCTGAAGAGCCAGACCCTCCTCCAGAACCAGTGTGAG
GAGAGGCGTCAGTGGCTGCAGGAGGCCATGTCGGCTGCCTTCCGAGGCCAGCGGGAGGAGGTGGAGCAG
ATGAAGAGCTGCCTCCGAGTGTGTACAGCCCATGCCCCCACTGCTGGGGAGGCCGAGCAGGCGGCC
GACCAGCAAGAGCGAGAGGGGGCCCTGGAGCTGCTGGCCGACCTGTGTGAGAACATGGACAATGCCGCA
GACTTCTGCCAGCTGTCTGGCATGCACCTGCTGGTGGGCCGCTACCTGGAGGCGGGGGCTGCGGGACTG
CGGTGGCGGGCGGCACAGCTCATCGGCACGTGCAGTCAGAACGTGGCAGCCATCCAGGAGCAGGTGCTG
GGCCTGGGTGCCCTGCGTAAGCTGCTGCGGCTGCTGGACCGCAGCCCTGCGACACGGTGCAGCTCAAG
GCCCTCTCGCCATCTCTGTCTGGTCCGAGAGCAGGAGGCTGGGCTGCTGCAGTTCCTCCGCTGGAC
GGCTTCTCTGTGTGATGAGGGCCATGCAGCAGCAGGTGCAGAAGCTCAAGGTCAAATCAGCATTCTGTG
CTGCAGAACCTGCTGGTGGCCACCCTGAACACAAAGGGACCCTGTGCTCCATGGGGATGGTCCAGCAG
CTGGTGGCCCTGGTGGGACAGAGCACAGCCCTTCCACGAGCAGTGTGAGGAGCCTGTGCAGCCTG
GTGACAGACTTCCGAGGGTGTGCGCAGTGTGGGAGCCGGAACCTGGGCTGGAGGAGCTCCTCCGC
CACCGCTGTGAGTGTGCAGCAGCATGAGGAGTACCAGGAGGAGCTGGAGTTCTGTGAAAAGCTGCTA
CAGACCTGTTTCTCCAGCCAGCGGACGACAGCATGGATCGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001297600
Insert Size:	1218 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:	<ol style="list-style-type: none"> 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_001297600.1</u>
RefSeq Size:	1715 bp
RefSeq ORF:	1218 bp
Locus ID:	23640
UniProt ID:	<u>Q9NZL4</u>
Cytogenetics:	19q13.42
MW:	44.5 kDa
Gene Summary:	<p>Inhibits HSPA1A chaperone activity by changing the conformation of the ATP-binding domain of HSPA1A and interfering with ATP binding. Interferes with ubiquitination mediated by STUB1 and inhibits chaperone-assisted degradation of immature CFTR.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) encodes the longer isoform (1).</p>