

Product datasheet for **SC324137**

HEBP2 (NM_014320) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HEBP2 (NM_014320) Human Untagged Clone
Tag:	Tag Free
Symbol:	HEBP2
Synonyms:	C6orf34; C6ORF34B; PP23; SOUL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_014320.2</p> <pre> CGCATCGGGTGGGCTCGGGTCTCCAGCCCGGCCGGGAGGAGGCCGGCTCTGCGGAGCG GGGACTCGGGGCTCGGCGGGGCGCGCACACGCAGGCGGGGCGGCCCGGGGTGCGGGGCC TCTGCGCGGCTGACCAAGCTCCCAGAGCGTCAGCGCCGCCATGGCCGAGCCGCTCCAGC CAGACCCCGGGGCGGCCGAGGACGCGGCGGCCAAGCTGTGGAGACGCCGGGCTGGAAGG CCCCGAGGACGCCGCCCGCCAGCCGGAAGTTATGAGATCCGACACTATGGACAGCCA AGTGGGTCAGCACGTCCGTGGAGTCTATGGACTGGGATTCAGCCATCCAGACGGGCTTTA CGAAACTGAACAGCTACATTCAAGGCAAAAACGAGAAAGAGATGAAAATAAAGATGACAG CTCCAGTGACAAGCTACGTGGAGCCTGGTTCAGGTCCTTTAGTGAGTCTACCATTACCA TTTCCCTGTATATTCCCTCTGAACAGCAATTTGATCCACCCAGGCCTTTAGAGTCAGATG TCTTCATTGAAGATAGAGCCGAAATGACTGTGTTTGTACGGTCTTTCGATGGATTTCTA GTGCCCCAAAAGAATCAAGAACAACCTTTTGACATTAGCAAGCATTTTAAGGGAAGATGGAA AAGTTTTTCGATGAGAAGTTTACTACACTGCAGGCTACAACAGTCCTGTCAAATTGCTTA ATAGAAATAATGAAGTGTGGTTGATTCAAAAAATGAACCCACCAAGAAAACGAATGAG AAAAATGAAAGGAAGTTCTGCTGTGAGGCAAAACATCTGTTTATCATAGACATCAACA TGACCTATAAGTAAAGTGCGTGTCTAGTGTCTTCAAAAAAAAAAAAAAAAAAAAAA AAAAAA</pre>
Restriction Sites:	ECORI-NOT
ACCN:	NM_014320
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).


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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:	<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:	NM_014320.2 , NP_055135.1
RefSeq Size:	1282 bp
RefSeq ORF:	618 bp
Locus ID:	23593
UniProt ID:	Q9Y5Z4
Cytogenetics:	6q24.1
Domains:	SOUL
Gene Summary:	The protein encoded by this gene is found predominately in the cytoplasm, where it plays a role in the collapse of mitochondrial membrane potential (MMP) prior to necrotic cell death. The encoded protein enhances outer and inner mitochondrial membrane permeabilization, especially under conditions of oxidative stress. [provided by RefSeq, May 2016]