

Product datasheet for **SC328881**

HABP2 (NM_001177660) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HABP2 (NM_001177660) Human Untagged Clone
Tag:	Tag Free
Symbol:	HABP2
Synonyms:	FSAP; HABP; HGFAL; NMTC5; PHBP
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_001177660 edited
 CTGACATTTTTCCCCCTAAAGGCATAGACAACAAAAGAAATTTTATTGAGAGGAAAACA
 CAAGTCCTTAAACTGCAAAGATGTTTGCCAGGATGTCTGATCTCCATGTTCTGCTGTTAA
 TGGCTCTGGTGGGAAAGACAGCCTGTGGGTTCTCCCTGATGTCTTTATTGGAAAGCCTGG
 ACCCAGACTGGACCCCTGACCAGTATGATTACAGCTACGAGGATTATAATCAGGAAGAGA
 ACACCAAGTAGCACACTTACCCACGCTGAGAATCCTGACTGGTACTACACTGAGGACCAAG
 CTGATCCATGCCAGCCCAACCCCTGTGAACACGGTGGGACTGCCTCGTCCATGGGAGCA
 CCTTCACATGCAGCTGCCTGGCTCCTTTCTCTGGGAATAAGTGTGAGAAAGTGCAAAATA
 CGTGCAAGGACAACCCATGTGGCCGGGCAATGTCTCATTACCCAGAGTCTCCCTACT
 ACCGCTGTGTCTGTAACACCCCTTACACAGGTCCCAGCTGCTCCCAAGTGGTTCTCTGTAT
 GCAGGCCAAACCCCTGCCAGAATGGGGCTACCTGCTCCCGGCATAAGCGGAGATCCAAGT
 TCACCTGTGCCTGTCCCAGCAGTTCAAGGGGAAATTCTGTGAAATAGGTTCTGATGACT
 GCTATGTTGGCGATGGCTACTCTTACCGAGGGAAAATGAATAGGACAGTCAACCAGCATG
 CGTGCCTTTACTGGAACCTCCACCTCCTTTCAGGAGAATTACAACATGTTTATGGAGG
 ATGCTGAAACCCATGGGATTGGGGAACACAATTTCTGCAGAAACCCAGATGCGGACGAAA
 AGCCCTGGTGCTTTATTAAGTTACCAATGACAAGGTGAAATGGGAATACTGTGATGTCT
 CAGCCTGCTCAGCCCAGGACGTTGCCTACCCAGAGGAAAGCCCACTGAGCCATCAACCA
 AGCTTCCGGGGTTTGACTCCTGTGAAAGACTGAGATAGCAGAGAGGAAGATCAAGAGAA
 TCTATGGAGGCTTTAAGAGCACGGCGGGCAAGCACCCATGGCAGGCGTCCCTCCAGTCTCT
 CGCTGCCTCTGACCATCTCCATGCCCCAGGGCCACTTCTGTGGTGGGGCCTGATCCACC
 CCTGCTGGGTGCTCACTGCTGCCACTGCACCGACATAAAAACCAGACATCTAAAGGTGG
 TGCTAGGGGACCAGGACCTGAAGAAAGAAGAATTCATGAGCAGAGCTTTAGGGTGGAGA
 AGATATTTCAAGTACAGCCACTACAATGAAAGAGATGAGATTTCCCAATGATATTGCAT
 TGCTCAAGTTAAAGCCAGTGGATGGTCACTGTGCTCTAGAATCCAATACGTGAAGACTG
 TGTGCTTGCTGATGGGTCTTTCCCTCTGGGAGTGAGTGCCACATCTCTGGCTGGGGTG
 TTACAGAAACAGGAAAAGGGTCCCGCCAGCTCCTGGATGCCAAAGTCAAGCTGATTGCCA
 ACACCTTTGTGCAACTCCCGCAACTCTATGACCACATGATTGATGACAGTATGATCTGTG
 CAGGAAATCTTCAGAACTGGGCAAGACACCTGCCAGGGTACTCTGGAGGCCCTCGA
 CCTGTGAGAAGGACGGCACCTACTACGTCTATGGGATAGTGAGCTGGGGCCTGGAGTGTG
 GGAAGAGGCCAGGGTCTACACCAAGTTACCAAATCCTGAATTGGATCAAAGCCACCA
 TCAAAAGTGAAAGTGGCTTCTAAGTACTGTCTTCTGGACCTCAGAGCCCACTCTCCTTG
 GCACCCTGACACCGGGAGGCCTCATGGCCAACAATGGACACCTCCAGAGCCTCCAGGGGA
 CCACACAGTAGACTATCCCTACTCTAAGCAGAGACAACCTGCCACCCAGCCTGGGCCTTCC
 CAGACCAGCATTTGCACAATATCACCAGGCTTCTTCTGCCTCCCTTGGTAACCCAAGGAA
 TGATGGAATCAACACAACATAGTATGTTTGCTTTCCTTACCCAATTGTACCTTCTAGAAA
 ATCAGTGTTCACAGAGACTGCCTTACCACAGGCATCCTGCAATGCAGACTCCAGAATC
 CCCAGCATCAGCGGGAACCAATCACATCTTTATTCCTCAGCCCAGACACTCGAGGCAC
 TCAACAGAATCAGCCATCCAGTCTAGGTATCAGAGAGGACCACAATACAACATTCTCC
 ATCTGCAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001177660

Insert Size: 2200 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).

OTI Annotation: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001177660.1

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_001177660.1</u> , <u>NP_001171131.1</u>
RefSeq Size:	2978 bp
RefSeq ORF:	1605 bp
Locus ID:	3026
UniProt ID:	<u>Q14520</u>
Cytogenetics:	10q25.3
Protein Families:	Druggable Genome, Protease, Secreted Protein
Gene Summary:	<p>This gene encodes a member of the peptidase S1 family of serine proteases. The encoded preproprotein is secreted by hepatocytes and proteolytically processed to generate heavy and light chains that form the mature heterodimer. Further autoproteolysis leads to smaller, inactive peptides. This extracellular protease binds hyaluronic acid and may play a role in the coagulation and fibrinolysis systems. Mutations in this gene are associated with nonmedullary thyroid cancer and susceptibility to venous thromboembolism. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.</p>