

## Product datasheet for TP306255M

### AMBRA1 (NM\_017749) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens autophagy/beclin-1 regulator 1 (AMBRA1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC206255 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MKVVPEKNAVRILWGRERGERGAMGAQRLLQELVEDKTRWMKWEKRVLPDSPRSTFLLAFSPDRTLLAS  
THVNHNIYITEVKTKGKCVHSLIGHRRTPWCVTFHPTISGLIASGCLDGEVRIWDLHGGSESWFDTSSNAI  
ASLAFHPTAQLLLIATANEIHFWDWSRREPFAVVKTASEMERVRLVRFDPLGHYLLTAIVNPSNQGGDE  
PEIPIDGTELSHYRQRALLQSQPVRRTPLLNHFLHMLSSRSSGIQTEPFHPPEQASSTQQDQGLLNRP  
FSTVQSSTAGNLRNLSLGPTRRSLGGPLSSHPSRYHREIAPGLTGSEWTRTVLSLNSRSEAESMPPT  
SASSVLLSVLRQQEGGSQASVYTSATEGRGFPASGLATESDGGNGSSQNNSGSIRHELQCDLRRFFLEY  
DRLQELDQSLSGEAPQTQQAQEMLNNNIESERPGRSHQPTPHSSENNLSRGHNLNRCRACHNLLTFNND  
TLRWERTTPNYSSGEASSWQVPSSFESVPSSGSQPLPLERTEGQTPSSSRLESSASQPQEERTVGVAF  
NQETGHWERIYTSRSGTVSQEALHQDMPEESSEEDSLRRRLESSLISLRYDGAAGSREHPIYPDPAR  
LSPAAYYAQRMIQYLSRRDSIRQRSMRYQQNRLRSSTSSSSSDNQGPSVEGTDLEFEDFEDNGDRSRHRA  
PRNARMSAPSLGRFVPRRFLPEYLPYAGIFHERGQPLATHSSVNRVLAGAVIGDQSAVASNIANTTY  
RLQWWDFTKFDLPEISNASVNVLVQNCKIYNDASCDISADGQLLAAFIPSSQRGFPDEGILAVYSLAPHN  
LGEMLYTKRFGPNAISVLSMPGRYVMVGLASRRILLHPSTEHMVAQVFRLLQQAHGGETSMRRVFNLYP  
MPADQRRHVSINSARWLPPEGLGLAYGTNKGDLVICRPEALNSGVEYYWDQLNETVFTVHSNSRSSERPG  
TSRATWRTDRDMGLMNAIGLQPRNPATSVTSQGTETLALQLQNAETQTEREVEPPEGTAASGPGEGEGSEY  
GASGEDALSRIQRLMAEGGMTAVVQREQSTTMASMGFGNNIIVSHRIHRSSQTGTEPGAHTSSPQPST  
SRGLLPEAGQLAERGLSPRTASWDQPGTPGREPTQPTLPSSSPVPIVSLPSAEGPTVHCELTNNHLLD  
GGSSRGDAAGPRGEPNR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

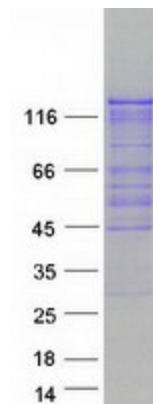
Tag:	C-Myc/DDK
Predicted MW:	132.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Bioactivity:</b>	Binding assay (PMID: <a href="#">28362576</a> )
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060219</a>
<b>Locus ID:</b>	55626
<b>UniProt ID:</b>	<a href="#">Q9C0C7</a>
<b>RefSeq Size:</b>	5034
<b>Cytogenetics:</b>	11p11.2
<b>RefSeq ORF:</b>	3624
<b>Synonyms:</b>	DCAF3; WDR94
<b>Summary:</b>	Regulates autophagy and development of the nervous system. Involved in autophagy in controlling protein turnover during neuronal development, and in regulating normal cell survival and proliferation (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified AMBRA1 protein (Cat# [TP306255]). The protein was produced from HEK293T cells transfected with AMBRA1 cDNA clone (Cat# [RC206255]) using MegaTran 2.0 (Cat# [TT210002]).