

## Product datasheet for TP306255

### 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), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA** >RC206255 protein sequence  
**Clone or AA Sequence:** Red=Cloning site Green=Tags(s)

MKVVPEKNAVRILWGRERGERAMGAQRLQLVELDKTRWMKWEGKRVELPDSRSTFLLAFSPDRLLAS  
 THVNHNIYITEVKTGKCVHSLIGHRRTPWCVTFHPTISGLIASGCLDGEVRIWDLHGGSESWFDTSDNNAI  
 ASLAFHPTAQLLLIATANEIHFWDWSRREPFAVVKTASEMERVRLVRFDPLGHYLLTAIVNPSNQGGDE  
 PEIPIDGTELSHYRQRALLQSQPVRRTPLLNFLHMLSSRSGIQTEPFHPPEQASSTQQDQGLLNRP  
 FSTVQSSTAGNLRNLSLGPTRRSLGGPLSSHPSRYHREIAPGLTGSEWTRTVLSLNSRSEAESMP  
 PPRTSASSVLLSVLRQQEGGSQASVYTSATEGRGFASGLATESDGGNGSSQNNSGSIRHELQCDLRRFFLEY  
 DRLQELDQSLSGEAPQTQQAQEMLNNNIESERPGPSHQPTPHSENNSNLSRGHNLNRCRACHNLLTFNND  
 TLRWERTTPNYSSGEASSWQVPSSFESVPSSGSQLPPLERTEGQTPSSSRLESSASPEERTVGVAF  
 NQETGHWERIYQSSRSGTVSQEALHQDMPEESSEEDSLRRRLESSLISLSRYDAGSREHPIYPDPAR  
 LSPAAYYAQRMIQYLSRRDSIRQSRMRYQQRNLSSTSSSSSDNQGPSVEGTDLEFEDFEDNGDRSRHRA  
 PRNARMSAPSLGRFVPRRFLPEYLPYAGIFHERGQPLATHSSVNRVLAGAVIGDGGQSAVASNIANTTY  
 RLQWWDFTKFDLPEISNASVNVLVQNCKIYNDASCDISADGQLLAAFISSQGRGFPDEGILAVYSLAPHN  
 LGEMLYTKRFGPNAISVLSLSPMGRYVMVGLASRRILLHPSTEHMVAQVFRLLQQAHGGETSMRRVFNLYP  
 MPADQRRHVSINSARWLPEPGLGLAYGTNKGDLVICRPEALNSGVEYYWDQLNETVFTVHSNSRSSERPG  
 TSRATWRTDRDMGLMNAIGLQPRNPATSVTSQGTETLALQLQNAETQTEREVPEPGTAASGPGE  
 GEGSEYGASGEDALSRIQLMAEGGMTAVVQREQSTTMASMGFGNIIVSHRIHRSSQTGTEPGA  
 AHTSSPQPSTSRGLLPEAGQLAERGLSPRTASWDQPGTPGREPTQPTLPSSSPVPIVSLPSAEGPTVH  
 CELTNNHLLDGGSSRGDAAGPRGEPNR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

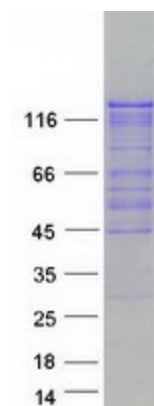
**Tag:** C-Myc/DDK  
**Predicted MW:** 132.7 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining



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<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]).