

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 Clone or AA Sequence:	>RC206255 protein sequence Red =Cloning site Green =Tags(s)

MKVVPEKNAVRILWGRERGARAMGAQRLQLQELVEDKTRWMKWEGKRVELPDSRSTFLLAFSPDRTLLA
S
THVNHNIYITEVKTGKCVHSLIGHRRTPWCVTFHPTISGLIASGCLDGEVRIWDLHGGSESWFDTSDNNAI
ASLAFHPTAQLLLIATANEIHFWDWSRREPFAVVKTASEMERVRLVRFDPLGHYLLTAIVNPSNQGGDDE
PEIPIDGTELSHYRQRALLQSQPVRRTPLLNHFLHMLSSRSSGIQTEPFHPPEQASSTQQDQGLLNRP
SASTVQSSTAGNTRLNLSLGPTRRSLGGPLSSHPSRYHREIAPGLTGSEWTRTVLSLNSRSEAESMP
PPRTSASSVLLSVLRQQEGGSQASVYTSATEGRGFPASGLATESDGGNGSSQNNSGSIRHELQCDLRR
FFLEYDRLQELDQSLSGEAPQTQQAQEMLNNNIESERPGPSHQPTPHSSENNNSLNRGHLNRCRACH
NLLTFNND
TLRWERTTPNYSSGEASSWQVPSSFESVPSSGSQPLPLERTEGQTPSSSRLELSSSASPQEERTVGVAF
NQETGHWERIYQSSRSGTVSQEALHQDMPEESSEEDSLRRRLESSLISLRYDGAGSREHPIYD
PARLSPAAYYAQRMIQYLSRRDSIRQSRMRYQQNRLRSSTSSSSSDNQGSPVEGTDLEFEDFEDNGDR
SRHRA PRNARMSAPSLGRFVPRRFLPEYLPYAGIFHERGQPLATHSSVNRVLAGAVIGDGGQSAVAS
NIANTTYRLQWWDFTKFDLPEISNASVNVLVQNCKIYNDASCDISADGQLLAAFISSQRGFPDEGILAV
YSLAPHNLGEMLYTKRFGPNAISVLSLPMGRYVMVGLASRRILLHPSTEHMVAQVFRLLQQA
HGGETSMRRVFNLYLMPADQRRHVSINSARWLPEPGLGLAYGTNKGDLVICRPEALNSGVEY
YWDQLNETVFTVHSNSRSSERPGTSRATWRTDRDMGLMNAIGLQPRNPATSVTSQGTETLALQLQNAETQ
TEREVPEPGTAASGPGESEY GASGEDALSRIQLMAEGGMTAVVQREQSTTMASMGFGNNIIVSHRI
RSSQTGTEPGAHTSSPQPSTSRGLLPEAGQLAERGLSPRTASWDQPGTGREPTQPTLPSSSPVPIV
SLPSAEGPTVHCELTNNHLLDGGSSRGDAAGPRGEPRNR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

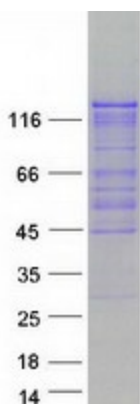
Tag:	C-Myc/DDK
Predicted MW:	132.7 kDa



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Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	Binding assay (PMID: 28362576)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060219
Locus ID:	55626
UniProt ID:	Q9C0C7
RefSeq Size:	5034
Cytogenetics:	11p11.2
RefSeq ORF:	3624
Synonyms:	DCAF3; WDR94
Summary:	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]).