

## Product datasheet for PH306255

### AMBRA1 (NM\_017749) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	AMBRA1 MS Standard C13 and N15-labeled recombinant protein (NP_060219)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206255
Predicted MW:	132.8 kDa
Protein Sequence:	>RC206255 protein sequence Red=Cloning site Green=Tags(s)

MKVVPEKNAVRILWGRERGARAMGAQRLQLQELVEDKTRWMKWEGKRVELPDSRSTFLLAFSPDRLLAS  
THVNHNIYITEVKTGKCVHSLIGHRRTPWCVTFHPTISGLIASGCLDGEVRIWDLHGGSESWFTDSNNAI  
ASLAFHPTAQLLLIATANEIHFWDWSRREPFAVVKTASEMERVRLVRFDPLGHYLLTAIVNPSNQQGDDE  
PEIPIDGTEL SHYRQRALLQSQPVRRTPLLNHFLHMLSSRSSGIQTPEFHPPEQASSTQQDQGLLNRPSA  
FSTVQSSTAGNTRLRNL SLGPTRRSLGGPLSSHPSRYHREIAPGLTGSEWTRTVLSLNSRSEAESMPFRT  
SASSVSLLSVLRQQEGGSQASVYTSATEGRGFPASGLATESDGGNGSSQNNSGSIRHELQCDLRRFFLEY  
DRLQELDQSLSGEAPQTQQAQEMLNINIE SERPGPSHQPTPHSSENNL SRGHLNRCRACHNLLTFNND  
TLRWERTTPNYSSGEASSWQVPSFESVPSGSQLPPLERTEGQTPSSSRLELSSASAPQEERTVGVAF  
NQETGHWERIYQSSRSGTVSQEALHQDMPEESEEDSLRRRLLESSLISLSRYDGAGSREHPIYPDPAR  
LSPAAYYAQRMIQYL SRRDSIRQSRMRYQQNRLRSSTSSSSSDNQGPSVEGTDLEFDFEDNGDRSRHRA  
PRNARMSAPSLGRFVPRRFLPEYLPYAGIFHERGQPLATHSSVNRVLAGAVIGDQSAVASNIANTTY  
RLQWDFTKFDLPEISNASVNVLVQNCKIYNDASCDISADGQLLAAFIPSSQRGFPDEGILAVYSLAPHN  
LGEMLYTKRFGPNAISVSLSPMGRYVMVGLASRRILLHPSTEHMVAQVFRLQQAHGGETSMRRVFNLYP  
MPADQRRHVSINSARWLPEPGLGLAYGTNKGDLVICRPEALNSGVEYYWDQLNETVFTVHSNSRSSERP  
TSRATWRTRDRMGLMNAIGLQPRNPATSVTSQGTETLALQLQNAETQTEREVPEPGTAASGPGEGEGSEY  
GASGEDALSRIQRLMAEGGMTAVVQREQSTTMASMGFGNNIIIVSHRIHRSSQTGTEPGAHTSSPQST  
SRGLLPEAGQLAERGLSPRTASWDQPGTPGREPTQPTLPSSSPVIPVSLPSAEGPTVHCEL TNNHLLD  
GGSSRGDAAGPRGEPRNR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

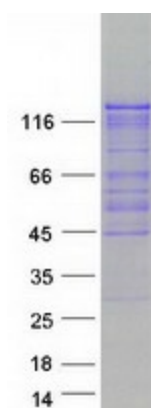
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_060219</a>
RefSeq Size:	5034
RefSeq ORF:	3624
Synonyms:	DCAF3; WDR94
Locus ID:	55626
UniProt ID:	<a href="#">Q9C0C7</a>
Cytogenetics:	11p11.2
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]).