

Recombinant Human AMBRA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. AMBRA1-5951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AMBRA1 MS Standard C13 and N15-labeled recombinant protein (NP_060219) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	AMBRA1 (Autophagy And Beclin 1 Regulator 1) is a Protein Coding gene. Diseases associated with AMBRA1 include Vici Syndrome and Gastric Tubular Adenocarcinoma. Among its related pathways are Neuroscience and Spinocerebellar ataxia. Gene Ontology (GO) annotations related to this gene include ubiquitin protein ligase binding.
Molecular Mass	132.8 kDa
AA Sequence	MKVVPEKNAVRILWGRERGARAMGAQRLLQELVEDKTRWMKWEGKRVELPDSPR STFLAFSPDRTLASTHVNHNIYITEVKTGKCVHSLIGHRRTPWCVTFHPTISGLIAS GCLDGEVRIWDLHGGSSESWFTDSNNAIASLAFHPTAQLLLIATANEIHFWDWSRREP FAVVKTASEMERVRLVRFDPLGHYLLTAIVNPSNQGGDEPEIPIDGTELSHYRQRA LLQSQPVRRTPLLNHFLHMLSSRSSGIQTEPFHPPEQASSTQQDQGLLNRPSTAFST VQSSTAGNTRLNLSLGPTRRSLGGPLSSHPSRYHREIAPGLTGSEWTRTVLSLNSR SEAESMPPTSSASSVSLSVLRQQEGGSQASVYTSATEGRGFPASGLATESDGG NGSSQNNSGSIRHELQCDLRRFFLEYDRLQELDQSLSGEAPQTQQAQEMLNNNIES

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ERPGPSHQPTPHSSENNNSNLSRGHLNRCRACHNLLTFNNDTLRWERTTPNYSSGE
 ASSSWQVPSSFESVPSSGSQLPPLERTEGQTPSSSRLELSSSASPQEERTVGVAFN
 QETGHWERIYTQSSRSGTVSQEALHQDMPEESSEEDSLRRRLLESSLISLSRYDGA
 GSREHPPIYPDPARLSPAAYYAQRMIQYLSRRDSIRQRSMRYQQNRLRSSTSSSSSD
 NQGPSVEGTDLEFEDFEDNGDRSRHRAPRNARMSAPSLGRFVPRRFLPEYLPYA
 GIFHERGQPGATHSSVNRVLAVIGDGGQSAVASNIANTTYRLQWWDFTKFDLPEI
 SNASVNVLVQNCKIYNDASCDISADGQLA AFIPSSQRGFPDEGILAVYSLAPHNLGE
 MLYTKRFGPN AISVSLSPMGRYVMVGLASRRILLHPSTEHMVAQVFRLQQA HGET
 SMRRVFNVLYPMPADQRRHVSINSARWLPEPGLGLAYGTNKGDLVICRPEALNSGV
 EYYWDQLNETVFTVHSNSRSSERPGTSRATWRTDRDMGLMNAIGLQPRNPATSVT
 SQGTETLALQLQNAETQTEREVPEPGTAASGPGESEY GASGEDALSRIQLMA
 EGGMTAVVQREQSTTMASMGFGNNIIVSHRIHRSSQTGTEPGAHTSSPQPSTSR
 GLLPEAGQLAERGLSPRTASWDQPGTPGREPTQPTLPSSSPVIPVSLPSAEGPTV
 HCELNNHLLDGGSSRGDAAGPRGEPRNRTRTRPLEQKLISEEDLAANDILDYKD
 DDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name *AMBRA1* autophagy/beclin-1 regulator 1 [Homo sapiens (human)]

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Official Symbol	AMBRA1
Synonyms	AMBRA1; autophagy/beclin-1 regulator 1; activating molecule in BECN1-regulated autophagy protein 1; DCAF3; DDB1 and CUL4 associated factor 3; FLJ20294; KIAA1736; WD repeat domain 94; WDR94; activating molecule in beclin-1-regulated autophagy; MGC33725;
Gene ID	55626
mRNA Refseq	NM_017749
Protein Refseq	NP_060219
MIM	611359
UniProt ID	Q9C0C7
SDS-PAGE	