

Recombinant Human AMBRA1 protein, His-tagged

Cat. No. AMBRA1-9609H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMBRA1 protein(906-1208 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	906-1208 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	NVLYPMPADQRRHVSINSARWLPEPGLGLAYGTNKGDLVICRPEALNSGVEYYWD QLNETVFTVHSNSRSSERPGTSRATWRTRDRMGLMNAIGLQPRNPATSVTSQGTE TLALQLQNAETQTEREVPEPGTAASGPGESEYGAAGEDALSRIQRLMAEGGM TAVVQREQSTTMASMGFGNNIIVSHRIHRSSQTGTEPGAHTSSPQPSTSRGLLP EAGQLAERGLSPRTASWDQPGTPGREPTQPTLPSSSPVIPVSLPSAEGPTVHCEL TNNHLLDGGSSRGDAAGPRGEPRNR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

[AMBRA1 autophagy/beclin-1 regulator 1 \[Homo sapiens \]](#)

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](#)

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