

Recombinant Human ATG7 protein, GST-tagged

Cat. No. ATG7-7833H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATG7 protein(451-676 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	451-676 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	ATG7
Synonyms	ATG7; ATG7 autophagy related 7 homolog (S. cerevisiae); APG7 autophagy 7 like (S. cerevisiae) , APG7L; ubiquitin-like modifier-activating enzyme ATG7;

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DKFZp434N0735; GSA7; hAGP7; autophagy-related protein 7; ATG12-activating enzyme E1 ATG7; ubiquitin activating enzyme E1-like protein; ubiquitin-activating enzyme E1-like protein; APG7L; APG7-LIKE;

Gene ID 10533

mRNA Refseq NM_001136031

Protein Refseq NP_001129503

MIM 608760

UniProt ID O95352

SDS-PAGE



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