

Recombinant Human ATG8L protein, GST-tagged

Cat. No. ATG8L-3016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATG8L (216-117 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met216-Lys117
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.
AA Sequence	MKFQYKEDHPFEYRKKEGEKIRKKYPDRVPVIVEKAPKARVPDLDKRKYLVPSDLTV GQFYFLIRKRIHLRPEDALFFVNNIPTTSATMGQLYEDNHEEDYFLYVAYSDESVY GK
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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 cycles.

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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	GABARAPL1 GABA type A receptor associated protein like 1 [Homo sapiens (human)]
Official Symbol	ATG8L
Synonyms	ATG8; GEC1; APG8L; ATG8B; ATG8L; APG8-LIKE
Gene ID	23710
mRNA Refseq	NM_001363598
Protein Refseq	NP_001350527
MIM	607420
UniProt ID	Q9H0R8

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