

[Go to Product page](#)

Datasheet for ABIN7311340

**ATG10 Protein (AA 1-190) (T7 tag,His tag)**

## Overview

Quantity:	50 µg
Target:	ATG10
Protein Characteristics:	AA 1-190
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATG10 protein is labelled with T7 tag,His tag.
Application:	ELISA, Western Blotting (WB), SDS-PAGE (SDS), Mass Spectrometry (MS)

## Product Details

Purpose:	Recombinant Human ATG10 Protein is produced by our E. coli expression system and the target gene encoding Met1-Thr190 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus.
Sequence:	MASMTGGQQM GRGSMEEDF IGEKTFQRYC AEFIKHSQQI GDSWEWRPSK DCSDGYMCKI HFQIKNGSVM SHLGASTHGQ TCLPMEEAFE LPLDDCEVIE TAAASEVIKY EYHVLYSCSY QVPVLYFRAS FLDGRPLTLK DIWEGVHECY KMRLQLGPWD TITQQEHPIL GQPFFVLHPC KTNEFMTPVL KNSQKINKNV NYITLEHHHH HH
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

## Target Details

Target:	ATG10
Alternative Name:	ATG10 ( <a href="#">ATG10 Products</a> )
Gene ID:	83734
UniProt:	<a href="#">Q9H0Y0</a>
Pathways:	<a href="#">ER-Nucleus Signaling, Autophagy</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	Supplied as a 0.2 µM filtered solution of 20 mM PB, 150 mM NaCl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.