

## Product datasheet for **TP301011M**

### ATG101 (NM\_021934) Human Recombinant Protein

#### Product data:

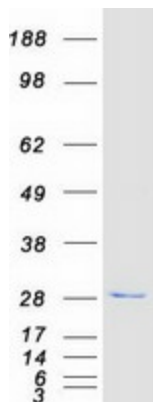
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 12 open reading frame 44 (C12orf44), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201011 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MNCRSEVLEVSVEGRQVEEAMLAVLHTVLLHRSTGKFHYKKEGTYSIGTVGTQDVCDFIDFTYVRVSSE ELDRALRKVVGEFKDALRNSGGDGLGQMSLEFYQKKKSRWPFSEDECIPWEVWTVKVHVVALATEQERQIC REKVGKLCCKIINIVEVMNRHEYLPMPTQSEVDNVFDTGLRDVQPYLYKISFQITDALGTSVTTTMRR LIKDTLAL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	24.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_068753</a>
Locus ID:	60673



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UniProt ID:	<a href="#">Q9BSB4</a>
RefSeq Size:	1458
Cytogenetics:	12q13.13
RefSeq ORF:	654
Synonyms:	C12orf44
Summary:	Autophagy factor required for autophagosome formation. Stabilizes ATG13, protecting it from proteasomal degradation.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified ATG101 protein (Cat# [TP301011]). The protein was produced from HEK293T cells transfected with ATG101 cDNA clone (Cat# [RC201011]) using MegaTran 2.0 (Cat# [TT210002]).