ATG7 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATG7, Recombinant Protein
Full Product Name	Recombinant Human ATG7
Product Gene Name	ATG7 recombinant protein
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Purity/Purification	Greater than 80% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	703
Sequence Positions	410-619
Chromosome Location	Chromosome: 3; NC_000003.11 (11314010..11599139). Location: 3p25.3
OMIM	608760
3D Structure	ModBase 3D Structure for O95352
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial at 10,000rpm for 1 minute, reconstitute at 200ug/ml in sterile distilled water
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for ATG7 recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for ATG7 recombinant protein	MBS7614525 is a recombinant protein targeting ATG7. Also known as Recombinant Human ATG7. Host: E Coli.
Other Notes	Small volumes of ATG7 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATG7. It may not necessarily be applicable to this product.

NCBI GI #	222144227
NCBI GeneID	10533
NCBI Accession #	NP_001129503.2
UniProt Primary Accession #	O95352
UniProt Secondary Accession #	Q7L8L0; Q9BWP2; Q9UFH4; B4E170; E9PB95
UniProt Related Accession #	O95352
GenBank Nucleotide #	NM_001136031.2

NCBI Official Full Name	ubiquitin-like modifier-activating enzyme ATG7 isoform b
NCBI Official Synonym Full Names	autophagy related 7
NCBI Official Symbol	ATG7
NCBI Official Synonym Symbols	GSA7; APG7L; APG7-LIKE
UniProt Protein Name	Ubiquitin-like modifier-activating enzyme ATG7
UniProt Synonym Protein Names	ATG12-activating enzyme E1 ATG7; Autophagy-related protein 7; APG7-like; hAGP7; Ubiquitin-activating enzyme E1-like protein
Protein Family	Ubiquitin-like modifier-activating enzyme
UniProt Gene Name	ATG7
UniProt Synonym Gene Names	APG7L; APG7-like; hAGP7
UniProt Entry Name	ATG7_HUMAN
NCBI Protein Information	ubiquitin-like modifier-activating enzyme ATG7; hAGP7; autophagy-related protein 7; ATG12-activating enzyme E1 ATG7; ATG7 autophagy related 7 homolog; ubiquitin activating enzyme E1-like protein; ubiquitin-activating enzyme E1-like protein
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