

## ATG5 recombinant protein

Recombinant Human ATG5 Protein

|                               |                        |                            |                                                      |
|-------------------------------|------------------------|----------------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA263181</b> | HOST<br><b>E. coli</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>SDS-Page, Western Blot, ELISA</b> |
|-------------------------------|------------------------|----------------------------|------------------------------------------------------|

### PRODUCT SYNONYMS

ATG5; Recombinant Human ATG5 Protein; APG5L; ASP; Autophagy protein 5; APG5-like; Apoptosis-specific protein; ATG5 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E. coli                                                                                                                                                                                                                                                                                                     |
| Reactivity                                           | Human                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                                  | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                                                        |
| Form/Format                                          | Liquid in 0.2 uM filtered solution of 20mM Tris, 0.2M NaCl, 1mM DTT, 40% Glycerol, pH 8.0.                                                                                                                                                                                                                  |
| Sequence                                             | MTDDKDVLRD VWFGRIPTCF TLYQDEITER EAEPYLLLP RVSYLTIVTD KVKKHFQKVM RQEDISEIWF EYEGTPLKWH YPIGLLFDLL ASSSALPWNI TVHFKSFPEK DLLHCPSKDA IEAHFMSCMK EADALKHKSQ VINEMQKKDH KQLWMGLQND RFDQFWAINR KLMEYPAEEN GFRYIPFRIY QTTERPFIQ KLFRPVAADG QLHTLGDLLK EVCPSAIDPE DGEKKNQVMI HGIEPMLETP LQWLSEHSY PDNFLHISII PQPTD |
| Applicable Applications for ATG5 recombinant protein | MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA                                                                                                                                                                                                                                                  |
| Endotoxin                                            | Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.                                                                                                                                                                                                                                                   |
| Directions for Use                                   | Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                                             |
| Preparation and Storage                              | Store it at -20°C to -80°C for one year.                                                                                                                                                                                                                                                                    |

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                   |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ATG5 recombinant protein | Recombinant Human ATG5 Protein is produced by our E Coli expression system and the target gene encoding Met1-Asp275 is expressed. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 554790362                                      |
| NCBI GeneID                      | 9474                                           |
| NCBI Accession #                 | NP_001273035.1                                 |
| NCBI GenBank Nucleotide #        | NM_001286106.1                                 |
| UniProt Accession #              | Q9H1Y0; O60875; Q5JVR2; Q68DI4; Q9H2B8; Q9HCZ7 |
| NCBI Official Full Name          | autophagy protein 5 isoform a                  |
| NCBI Official Synonym Full Names | autophagy related 5                            |
| NCBI Official Symbol             | ATG5                                           |
| NCBI Official Synonym Symbols    | ASP; APG5; APG5L; hAPG5; APG5-LIKE             |

|                            |                     |
|----------------------------|---------------------|
| NCBI Protein Information   | autophagy protein 5 |
| UniProt Protein Name       | Autophagy protein 5 |
| UniProt Gene Name          | <b>ATG5</b>         |
| UniProt Synonym Gene Names | APG5L; ASP          |
| UniProt Entry Name         | ATG5_HUMAN          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/atg5-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263181>