

## Recombinant Human MAP1LC3C cell lysate

**Cat. No.** MAP1LC3C-1053HCL    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                                                    |
| <b>Description</b>    | Autophagy is a highly regulated bulk degradation process that plays an important role in cellular maintenance and development. MAP1LC3C is 1 of 3 orthologs of the yeast autophagosome protein Atg8 (He et al., 2003 [PubMed 12740394]). |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                   |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                            |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MAP1LC3C microtubule-associated protein 1 light chain 3 gamma [ Homo sapiens ]                                                                                                                                                                                                                                                                                 |
| <b>Official Symbol</b> | MAP1LC3C                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | MAP1LC3C; microtubule-associated protein 1 light chain 3 gamma; microtubule-associated proteins 1A/1B light chain 3C; ATG8J; MAP1A/MAP1B LC3 C; LC3-like protein 2; MAP1A/MAP1B light chain 3 C; autophagy-related protein LC3 C; MAP1 light chain 3-like protein 2; MAP1 light chain 3-like protein 3; autophagy-related ubiquitin-like modifier LC3 C; LC3C; |

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|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Gene ID             | 440738                                                 |
| mRNA Refseq         | NM_001004343                                           |
| Protein Refseq      | NP_001004343                                           |
| MIM                 | 609605                                                 |
| UniProt ID          | Q9BXW4                                                 |
| Chromosome Location | 1q43                                                   |
| Pathway             | Senescence and Autophagy, organism-specific biosystem; |
| Function            | protein binding;                                       |

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