

Product datasheet for TP760032

MAP1LC3A (NM_032514) Human Recombinant Protein

Product data:

| Product Type: | Recombinant Proteins |
|--|--|
| Description: | Recombinant protein of human microtubule-associated protein 1 light chain 3 alpha (MAP1LC3A), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding human full-length MAP1LC3A |
| Tag: | N-His |
| Predicted MW: | 14.3 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, pH 8.0, 150 mM NaCl, 10% glycerol |
| 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: | <u>NP 115903</u> |
| Locus ID: | 84557 |
| UniProt ID: | <u>Q9H492</u> |
| RefSeq Size: | 1048 |
| Cytogenetics: | 20q11.22 |
| RefSeq ORF: | 363 |
| Synonyms: | ATG8E; LC3; LC3A; MAP1ALC3; MAP1BLC3 |



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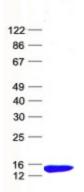
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GRIGENE MAP1LC3A (NM_032514) Human Recombinant Protein – TP760032

Summary:MAP1A and MAP1B are microtubule-associated proteins which mediate the physical
interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B
each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded
by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B.
Two transcript variants encoding different isoforms have been found for this gene. The
expression of variant 1 is suppressed in many tumor cell lines, suggesting that may be
involved in carcinogenesis. [provided by RefSeq, Feb 2012]

Product images:



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