

Recombinant Human LC3B Protein

Catalog #	Source	Reactivity	Applications
CRP2764	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human LC3B Protein is produced by E.coli expression system and the target gene encoding Met1-Val125 is expressed.		
Form	Lyophilized from a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, 2mM DTT, pH8.0.		
Gene Symbol	MAP1LC3B		
Alternative Names	MAP1ALC3; Microtubule-associated proteins 1A/1B light chain 3B; Autophagy-related protein LC3 B; Autophagy-related ubiquitin-like modifier LC3 B; MAP1 light chain 3-like protein 2; MAP1A/MAP1B light chain 3 B; MAP1A/MAP1B LC3 B; Microtubule-associated protein 1 light chain 3 beta		
Entrez Gene	81631 (Human)		
SwissProt	Q9GZQ8 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	GSMPSEKTFK QRRTFEQRVE DVRLIREQHP TKIPVIIERY KGEKQLPVLD KTKFLVPDHV NMSELIKIIR RRLQLNANQA FLLVNGHSM VSVSTPISEV YESEKDEDGF LYMVYASQET FGMKLSV		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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