Data Sheet (Cat.No.TMPY-03749U)

TargetMol

MAP1LC3B Protein, Human, Recombinant (Yeast, His)

General Information

Synonyms:	MAP1LC3B-a;LC3B;ATG8F;microtubule-associated protein 1 light chain 3 β;microtubule-associated protein 1 light chain 3 beta;MAP1A/1BLC3
Protein Construction:	1-120 aa
Species:	Human
Expression Host:	P. pastoris (Yeast)
Accession:	Q9GZQ8
Molecular Weight:	15.2 kDa (Predicted)
AA Sequence:	MPSEKTFKQRRTFEQRVEDVRLIREQHPTKIPVIIERYKGEKQLPVLDKTKFLVPDHVNMSELIKIIRRRLQLNAN QAFFLLVNGHSMVSVSTPISEVYESEKDEDGFLYMVYASQETFG

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it.
Purity:	> 90% as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 μg/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481