

# Human GABARAP / Apg8p1 Protein (His & MBP Tag)

Catalog Number: 15622-H10E



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

ATG8A; GABARAP-a; MM46

### Protein Construction:

A DNA sequence encoding the human GABARAP (NP\_009209.1) (Met1-Leu117) was expressed with an N-terminal polyhistidine-tagged MBP tag at the N-terminus.

**Source:** Human

**Expression Host:** E. coli

## QC Testing

**Purity:** > 85 % as determined by SDS-PAGE

### Endotoxin:

Please contact us for more information.

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** His

### Molecular Mass:

The recombinant human GABARAP consists of 514 amino acids and predicts a molecular mass of 57.5 KDa. It migrates as an approximately 49-58 KDa band in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

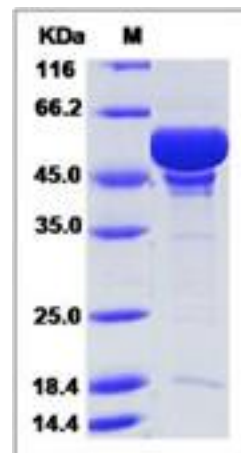
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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