

## General Information

### Protein Construction

A DNA sequence encoding the human BNIP3L (Q7Z465-1) (Ser 2-Lys 187) was expressed and purified, with additional two amino acids (Gly & Pro) at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 88 % 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

Met

### Molecular Mass

The recombinant human BNIP3L consists of 186 amino acids and has a calculated molecular mass of 20.4 kDa. It migrates as an approximately 36

kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 150mM NaCl, 1mM DTT, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

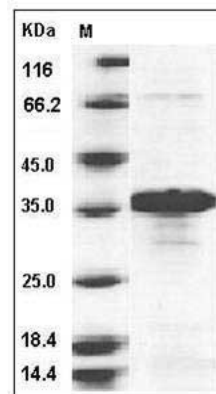
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human BNIP3L Protein SDS-PAGE