

## Product datasheet

# Human Bag3 peptide ab23111

### Overview

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**Product name** Human Bag3 peptide

### Description

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**Nature** Synthetic

#### Amino Acid Sequence

**Species** Human

**Sequence** C-SSMTDTPGNPAAP

**Amino acids** 563 to 575

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab23111** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Blocking - Blocking peptide for Anti-Bag3 antibody ([ab5898](#))

**Form** Liquid

### Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

### General Info

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**Function** Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Has anti-apoptotic activity.

**Involvement in disease** Defects in BAG3 are the cause of myopathy myofibrillar BAG3-related (MFM-BAG3) [MIM:612954]. A neuromuscular disorder that results in early-onset, severe, progressive, diffuse muscle weakness associated with cardiomyopathy, severe respiratory insufficiency during adolescence, and a rigid spine in some patients. At ultrastructural level, muscle fibers display structural alterations consisting of replacement of the normal myofibrillar markings by small, dense granules, or larger hyaline masses, or amorphous material.

**Sequence similarities**

Contains 1 BAG domain.

Contains 2 WW domains.

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