

Product datasheet

Human Bag3 peptide ab23111

Overview

Product name Human Bag3 peptide

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence C-SSMTDTPGNPAAP

Amino acids 563 to 575

Specifications

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

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

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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