# abcam

## Product datasheet

## Human Fast Myosin Skeletal Heavy chain peptide ab102066

### 1 图像

#### 描述

产品名称 人Fast Myosin Skeletal Heavy chain多肽

纯**度** > 70 % HPLC.

70 - 90% by HPLC

Accession P12882

无动物成分 No

**性**质 Synthetic

种属 Human

#### 技术指标

Our <u>Abpromise guarantee</u> covers the use of ab102066 in the following tested applications.

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

应用 Blocking - Blocking peptide for Anti-Fast Myosin Skeletal Heavy chain antibody (ab91506)

形式 Liquid

补充说明 - First try to dissolve a small amount of peptide in either water or buffer. The more charged

residues on a peptide, the more soluble it is in aqueous solutions.

- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or

buffer.

- Consider that any solvent used must be compatible with your assay. If a peptide does not

dissolve and you need to recover it, lyophilise to remove the solvent.

- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is

cloudy or has gelled the peptide may be in suspension rather than solubilised.

- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior

to use.

#### 制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

Information available upon request.

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#### 常规信息

功能 Muscle contraction.

序列相似性 Contains 1 IQ domain.

Contains 1 myosin head-like domain.

结**构域** The rodlike tail sequence is highly repetitive, showing cycles of a 28-residue repeat pattern

composed of 4 heptapeptides, characteristic for alpha-helical coiled coils.

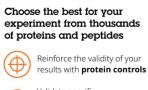
Each myosin heavy chain can be split into 1 light meromyosin (LMM) and 1 heavy meromyosin

(HMM). It can later be split further into 2 globular subfragments (S1) and 1 rod-shaped

subfragment (S2).

细胞定位 Cytoplasm > myofibril. Thick filaments of the myofibrils.

#### 图片









Human Fast Myosin Skeletal Heavy chain peptide (ab102066)

To learn more about our protein and peptide range click **here**.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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