# abcam

# Product datasheet

# Human RBM3 peptide ab188553

## 1 Image

#### **Description**

Product name Human RBM3 peptide

Animal free No

**Nature** Synthetic

#### **Specifications**

**Species** 

Our Abpromise guarantee covers the use of ab188553 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-RBM3 antibody [EPR6061(2)] (ab134946)

фричини

**Form** 

Liquid

Human

Additional notes

- 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.

#### **Preparation and Storage**

Stability and Storage Shipped at 4

Shipped at 4°C. Store at -20°C or -80°C.

#### **General Info**

**Function** 

Cold-inducible mRNA binding protein that enhances global protein synthesis at both physiological and mild hypothermic temperatures. Reduces the relative abundance of microRNAs, when overexpressed. Enhances phosphoryaltion of translation initiation factors and active polysome formation.

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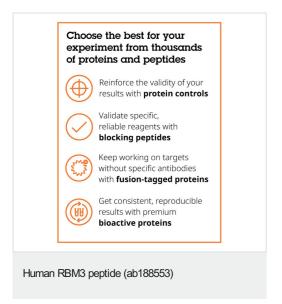
**Sequence similarities**Contains 1 RRM (RNA recognition motif) domain.

**Post-translational** Arg-105 is dimethylated, probably to asymmetric dimethylarginine.

modifications Phosphorylated.

**Cellular localization** Nucleus. Cytoplasm. Cell projection > dendrite. Localizes in mRNA granules in dentrites.

#### **Images**



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

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