

Product datasheet

Human RBM3 peptide ab188553

1 Image

Description

Product name	Human RBM3 peptide
Animal free	No
Nature	Synthetic
Species	Human

Specifications

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)
Form	Liquid
Additional notes	<ul style="list-style-type: none"> - 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°C. Store at -20°C or -80°C.
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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 phosphorylation of translation initiation factors and active polysome formation.
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Sequence similarities	Contains 1 RRM (RNA recognition motif) domain.
Post-translational modifications	Arg-105 is dimethylated, probably to asymmetric dimethylarginine. Phosphorylated.
Cellular localization	Nucleus. Cytoplasm. Cell projection > dendrite. Localizes in mRNA granules in dendrites.

Images

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Human RBM3 peptide (ab188553)

To learn more about our protein and peptide range click [here](#).

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