abcam

Product datasheet

Human TOMM20 peptide ab88207

1 Image

Description

Product name Human TOMM20 peptide

Purity > 70 % HPLC.

70 - 90% by HPLC

Animal free No

Nature Synthetic

Species Human

Specifications

Our Abpromise guarantee covers the use of ab88207 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-TOMM20 antibody - Mitochondrial Marker (ab78547)

Form

Liquid

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 $4\,^{\circ}\text{C}$. Upon delivery aliquot and store at -20 $^{\circ}\text{C}$ or -80 $^{\circ}\text{C}$. Avoid repeated freeze / thaw

cycles.

Information available upon request.

General Info

1

Function Central component of the receptor complex responsible for the recognition and translocation of

cytosolically synthesized mitochondrial preproteins. Together with TOM22 functions as the transit

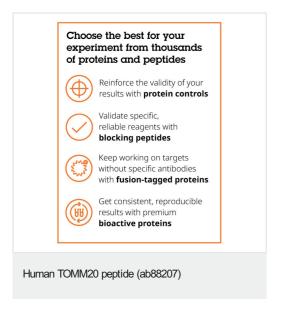
peptide receptor at the surface of the mitochondrion outer membrane and facilitates the

movement of preproteins into the TOM40 translocation pore.

Sequence similarities Belongs to the Tom20 family.

Cellular localization Mitochondrion outer membrane.

Images



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"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- · Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

Guarantee only valid for products bought direct from Abcam or one of our authorized distributors