

Product datasheet

Active human TTC5 peptide ab41841

Description

Product name	Active human TTC5 peptide
Biological activity	Blocking the activity of TTC5 antibody (ab36855).
Animal free	No
Nature	Synthetic
Species	Human

Specifications

Our [Abpromise guarantee](#) covers the use of **ab41841** 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-TTC5 antibody (ab36855)
Form	Liquid

Preparation and Storage

Stability and Storage	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.</p> <p>pH: 7.20</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 0.1% BSA</p> <p>This product is an active protein and may elicit a biological response in vivo, handle with caution.</p>
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General Info

Relevance	<p>Tetratricopeptide repeat protein 5 (TTC5) is a member of a diverse group of functionally distinct proteins that are characterized by containing one or more tetratricopeptide repeats. Each motif consists of two anti-parallel α-helices such that tandem arrays of TPR motifs generate a right-handed helical structure with an amphipathic channel that may serve to accommodate the complementary region of a target protein. While the exact function of TTC5 remains unclear, it is thought that the TPR motifs serve to mediate protein-protein interactions such as those seen with protein chaperones HSP70 and HSP90 and some proteins involved in cell stress response signaling pathways such as protein phosphatase 5, suggesting that TTC5 may also function via protein-protein interactions mediated by its TPR motifs.</p>
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Cellular localization

Nucleus. Cytoplasm. Note: Phosphorylation at Ser-203 results in nuclear localization, while unphosphorylated protein localizes to the cytoplasm

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