

## Product datasheet

# Human PPP2R5A peptide ab22797

### Description

|                     |                       |
|---------------------|-----------------------|
| <b>Product name</b> | Human PPP2R5A peptide |
| <b>Animal free</b>  | No                    |
| <b>Nature</b>       | Synthetic             |
| <b>Species</b>      | Human                 |
| <b>Sequence</b>     | C-AYNMHSILSNTSAE      |
| <b>Amino acids</b>  | 473 to 486            |

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab22797** in the following tested applications.

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

|                     |          |
|---------------------|----------|
| <b>Applications</b> | Blocking |
| <b>Form</b>         | Liquid   |

### Preparation and Storage

|                              |   |
|------------------------------|---|
| <b>Stability and Storage</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
|------------------------------|---|

### General Info

|   |  |
|---|--|
| <b>Function</b>                         | The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.            |
| <b>Tissue specificity</b>               | Widely expressed with the highest expression in heart and skeletal muscle.   |
| <b>Sequence similarities</b>            | Belongs to the phosphatase 2A regulatory subunit B56 family.   |
| <b>Post-translational modifications</b> | Phosphorylated on serine residues.   |
| <b>Cellular localization</b>            | Cytoplasm. Nucleus. Chromosome > centromere. From mitotic prophase to metaphase, localizes at the inner centromere between a pair of sister kinetochores. Decreased expression at the onset of anaphase. |

**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