

## Product datasheet

# Human ORC3L peptide ab23155

### Overview

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**Product name** Human ORC3L peptide

### Description

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**Nature** Synthetic

**Amino Acid Sequence**

**Species** Human

**Sequence** QKTDHVARLTWGGC

**Amino acids** 698 to 711

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab23155** 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-ORC3L antibody ([ab9213](#))

**Form** Liquid

### Preparation and Storage

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

### General Info

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**Function** Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent, however specific DNA sequences that define origins of replication have not been identified so far. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication.

**Sequence similarities** Belongs to the ORC3 family.

**Post-translational modifications** Phosphorylated upon DNA damage, probably by ATM or ATR. Phosphorylated upon DNA damage, probably by ATM or ATR.

**Cellular localization** Nucleus.

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