

RP10190TLQ

Leader in Biomolecular Solutions for Life Science



# 19S proteasome/PA700

Catalog No.: RP10190TLQ

## Sequence Information

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**Species**    **Gene ID**    **Swiss Prot**

Bovine red  
blood cells

**Tags**

No Tag

**Synonyms**

19S proteasome

## Product Information

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**Source**

Bovine red blood  
cells

**Purification**

≥ 90 % as  
determined by  
native-PAGE.

**Endotoxin**

Please contact us for more  
information.

**Formulation**

20 mM Tris, 20 mM NaCl, 1 mM EDTA,  
5 mM βME, 10% Glycerol

**Reconstitution**

## Background

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The 19S regulatory particle (PA700) locates on either one or both ends of the 20S core particle of the 26S proteasome. It has 19 subunits including six AAA ATPases that associate with α subunits of the 20S proteasome to form the 26S proteasome. PA700 plays an essential role in preparing substrate proteins to be degraded by the 20S proteasome, including binding, deubiquitinating and unfolding polyubiquitinated proteins.

## Basic Information

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**Description**

**Bio-Activity**

**Shipping**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

**Operational Notes**

For your safety and health, please wear a lab coat and disposable gloves for handling.

**Storage**

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Contact

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