

RP10165LQ

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# Recombinant Human 26S proteasome non-ATPase regulatory subunit 4/S5A/PSMD4 protein

Catalog No.: RP10165LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
<i>E. coli</i>	5710	P55036

### Tags

No Tag

### Synonyms

AF; AF-1; ASF; MCB1; Rpn10; S5A;  
pUB-R5; PSMD4; AF-1; ASF; MCB1; Rpn10; S5A;  
pUB-R5

## Product Information

Source	Purification
<i>E. coli</i>	~90% by SDS-PAGE

### Endotoxin

### Formulation

20 mM Tris, 150 mM NaCl, 2 mM  $\beta$ ME,  
10% Glycerol

### Reconstitution

## Background

S5a is one of the integral Ub receptors of the 26S proteasome. Its N-terminal vWA domain interacts with Rpn9 and Rpn10 on the 26S proteasome. The C-terminal domain of S5a contains two Ub-interacting motifs (UIMs) that bind Ub and Ub chains. S5a prefers to bind polyUb chains; it also binds proteins containing a Ub-like domain. It may directly recognize ubiquitinated proteins or coordinate with other Ub receptors to target substrates for proteasomal degradation.

## Basic Information

### Description

### Bio-Activity

### Storage

Store at  $-70^{\circ}\text{C}$ . This product is stable at  $\leq -70^{\circ}\text{C}$  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.

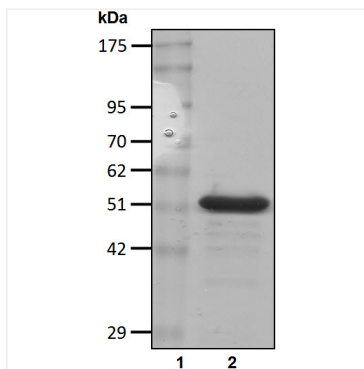
## Contact



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## Validation Data

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Recombinant human 26S proteasome non-ATPase regulatory subunit 4/S5A/PSMD4 protein was determined by SDS-PAGE with Coomassie Blue.