

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

Catalog No.: RP10165LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	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 β ME, 10% Glycerol

Reconstitution

Background

S5a is one of the integral Ub receptors of the 26S proteasome. It's 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

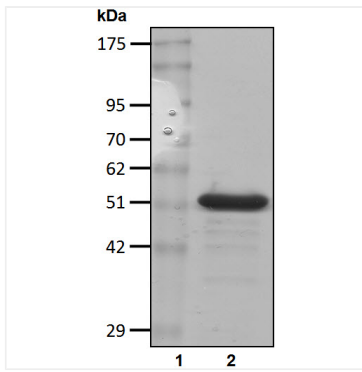
Bio-Activity

Storage
This product is stable at $\leq -70^{\circ}\text{C}$ for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

Contact

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Validation Data



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