

## 26S proteasome regulatory subunit RPN13 Recombinant Protein | RPN13 recombinant protein

Recombinant *Saccharomyces cerevisiae* (strain 204508 / S288c) 26S proteasome regulatory subunit RPN13

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA114576</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

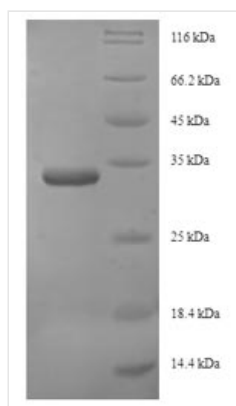
### PRODUCT SYNONYMS

26S proteasome regulatory subunit RPN13; Recombinant *Saccharomyces cerevisiae* (strain 204508 / S288c) 26S proteasome regulatory subunit RPN13; Proteasome non-ATPase subunit 13; RPN13 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                 |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                        |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                 |
| Sequence Positions      | 2-156aa; Full-Length of the Mature Protein                                                                                                                                       |
| Sequence                | SMSSTVIKFR AGVCEYNEDS RLCTPIPVQG EIEIKPNEEE ELGFWDFEWR PTEKPVGREL DPISLILIPG<br>ETMWVPIKSS KSGRIFALVF SSNERYFFWL QEKNSGNLPL NELSAKDKEI YNKMIGVLNN SSESDEEESN<br>DEKQKAQDVD VSMQD |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                           |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                            |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for RPN13 recombinant protein | Component of the 19S cap proteasome complex which acts as a regulatory subunit of the 26S proteasome, involved in the ATP-dependent degradation of ubiquitinated proteins. |
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|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | <p>The nucleotide sequence of <i>Saccharomyces cerevisiae</i> chromosome XII.Johnston M., Hillier L.W., Riles L., Albermann K., Andre B., Ansorge W., Benes V., Brueckner M., Delius H., Dubois E., Duesterhoeft A., Entian K.-D., Floeth M., Goffeau A., Hebling U., Heumann K., Heuss-Neitzel D., Hilbert H., Hilger F., Kleine K., Koetter P., Louis E.J., Messenguy F., Mewes H.-W., Miosga T., Moestl D., Mueller-Auer S., Nentwich U., Obermaier B., Piravandi E., Pohl T.M., Portetelle D., Purnelle B., Rechmann S., Rieger M., Rinke M., Rose M., Scharfe M., Scherens B., Scholler P., Schwager C., Schwarz S., Underwood A.P., Urrestarazu L.A., Vandenbol M., Verhasselt P., Vierendeels F., Voet M., Volckaert G., Voss H., Wambutt R., Wedler E., Wedler H., Zimmermann F.K., Zollner A., Hani J., Hoheisel J.D.Nature 387:87-90(1997) ) Approaching a complete repository of sequence-verified protein-encoding clones for <i>Saccharomyces cerevisiae</i>.Hu Y., Rolfs A., Bhullar B., Murthy T.V.S., Zhu C., Berger M.F., Camargo A.A., Kelley F., McCarron S., Jepson D., Richardson A., Raphael J., Moreira D., Taycher E., Zuo D., Mohr S., Kane M.F., Williamson J., Simpson A.J.G., Bulyk M.L., Harlow E., Marsischky G., Kolodner R.D., LaBaer J.Genome Res. 17:536-543(2007) The 26S proteasome of the yeast <i>Saccharomyces cerevisiae</i>.Fischer M., Hilt W., Richter-Ruoff B., Gonen H., Ciechanover A., Wolf D.H.FEBS Lett. 355:69-75(1994)</p> |
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### NCBI AND UNIPROT INFORMATION

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| NCBI GeneID                | 851140                                           |
| UniProt Accession #        | O13563; D6VZ57                                   |
| Molecular Weight           | 33.8 kDa                                         |
| NCBI Official Symbol       | RPN13                                            |
| NCBI Protein Information   | proteasome regulatory particle lid subunit RPN13 |
| UniProt Protein Name       | 26S proteasome regulatory subunit RPN13          |
| UniProt Gene Name          | RPN13                                            |
| UniProt Synonym Gene Names | DAQ1                                             |
| UniProt Entry Name         | RPN13_YEAST                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/rpn13-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114576>