

Recombinant human 26S proteasome non-ATPase regulatory subunit 11 protein



Catalog No: #AP71670

Orders: order@signalwayantibody.com

Package Size: #AP71670-1 20ug #AP71670-2 100ug #AP71670-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human 26S proteasome non-ATPase regulatory subunit 11 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-422aaSequence Info:Full Length
Other Names	26S proteasome regulatory subunit RPN626S proteasome regulatory subunit S926S proteasome regulatory subunit p44.5
Accession No.	O00231
Uniprot	O00231
GeneID	5717;
Calculated MW	74.3 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	AAAAVVEFQRAQSLLSTDREASIDILHSIVKRDIQENDEEAVQVKEQSILELGSLLAKTGQAAELGLLKYVRPFLNSISKAKAARLVRSLLDLFLDMEAAATGQEVELCLECIEWAKSEKRTFLRQALEARLVSLYFDTKRYQEALHLGSQLLRELKMKDDKALLVEVQLLESKTYHALSNLPKARAALTSARTTANAIYCPPKLQATLDMQSGIIHAAEEKDWKTAYSIFYEAFEGYDSIDSPKAITSLKYMLLCKIMLNTPEDVQALVSGKLALRYAGRQTEALKCVAQASKNRS LADFEKALTDYRAELRDDPIISTHLAKLYDNLLEQNLIRVIEPFSRVQIEHISSLIKLSKADVERKLSQMILDKKFHGILDQGEGLIIFDEPPVDKTYEAALETIQNMSKVVDLSLYNKAKKLT
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Component of the lid subcomplex of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. In the complex, PSMD11 is required for proteasome assembly. Plays a key role in increased proteasome activity in embryonic stem cells (ESCs): its high expression in ESCs promotes enhanced assembly of the 26S proteasome, followed by higher proteasome activity.

References

Molecular cloning and expression of subunit 9 of the 26S proteasome.Hoffman L., Rechsteiner M.FEBS Lett. 404:179-184(1997)Research Topic:Cell Biology

Note: This product is for in vitro research use only