



Recombinant Human 26S proteasome non-ATPase regulatory subunit 11 protein (PSMD11)

Product Code	CSB-EP018901HUe0
Relevance	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.
Abbreviation	Recombinant Human PSMD11 protein
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.
Uniprot No.	O00231
Alias	26S proteasome regulatory subunit RPN626S proteasome regulatory subunit S926S proteasome regulatory subunit p44.5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AAAAVVEFQRAQSLLSTDREASIDILHSIVKRDIQENDEEAVQVKEQSILELGSL LAKTGQAAELGGLLKYVRPFLNSISKAKAARLVRSLDLFLDMEAAATGQEVELC LECIWAKSEKRTFLRQALEARLVSLYFDTKRYQEALHLGSQLLRELKMKDDK ALLVEVQLLESKTYHALSNLPKARAALTSARTTANAIYCPPKLQATLDMQSGIIH AAEEKDWKTAYSFYFAFEGYDSIDSPKAITSLKYMLLCKIMLNTPEDVQALVS GKLALRYAGRQTEALKCVAQASKNRSLADFEKALTDYRAELRDDPIISTHLAKL YDNLLEQNLIRVIEPFSRVQIEHISLIKLSKADVERKLSQMILDKKFHGLDQGE GVLIIFDEPPVDKTYEAALETIQNMSKVVDLSLYNKAKKLT
Research Area	Cell Biology
Source	E.coli
Target Names	PSMD11
Expression Region	2-422aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	74.3kDa

**Protein Length**

Full Length of Mature Protein

Image

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.