

Recombinant Proteasome 26S Subunit, Non ATPase 8 (PSMD8) Instruction Manual

SIPP583Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	43.3kDa
Accurate Molecular Mass	44kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Val350 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	10.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MFIKGRAPRA PPRERRRATR GGLRQVVAPP RALGSTRPH FRRASVCRRR
CRKSGLLAA SRKMAAAAVN GAAGFSSSGP AATSGAVLQA ATGMYEQLKG
EWNRKSPNLS KCGEELGRLK LVLLELNFLP TTGKLTQQ LILARDILEI
GAQWSILRKD IPSFERVMAQ LKCYFDYKE QLPESAYMHQ LLGLNLLFLL
SQNRVAEFHT ELERLPAKDI QTNVYIKHPV SLEQYLMESG YNKVFLAKGN
IPAESYFFI DILLDTIRDE IAGCIEKAYE KILFTEATRI LFFNTPKKMT
DYAKKRGWVL GPNNYYSFAS QQQKPEDTTI PSTELAKQVI EYARQLEMIV

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.