

Recombinant Human Proteasome 20S LMP2 protein ab105592

画像数 1

製品の詳細

製品名	Recombinant Human Proteasome 20S LMP2 protein
精製度	> 90 % SDS-PAGE. ab105592 was purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.
発現系	Escherichia coli
アクセッション番号	<u>P28065</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHSSGLVPRGSHMTTIMAVEFDGGVVMGSDSR VSA GEAVV NRVFDKLSPLHERIYCALSGSAADAQAVADMAAYQLELHGIE LEE PPL VLAAANVVRNISKYREDLSAHLMVAGWDQREGGQVYGTLLG MLTRQ P FAIGGSGSTFIYGYVDAAYKPGMSPEECRRFTTDAIALAMSR DGSSGGV IYLVTTAAGVDHRVILGNELPKFYDE
予測される分子量	24 kDa including tags
領域	21 to 219
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab105592** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

前処理および保存

保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

関連情報

機能

The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides. Replacement of PSMB6 by PSMB9 increases the capacity of the immunoproteasome to cleave model peptides after hydrophobic and basic residues.

配列類似性

Belongs to the peptidase T1B family.

発生段階

Highly expressed in immature dendritic cells (at protein level).

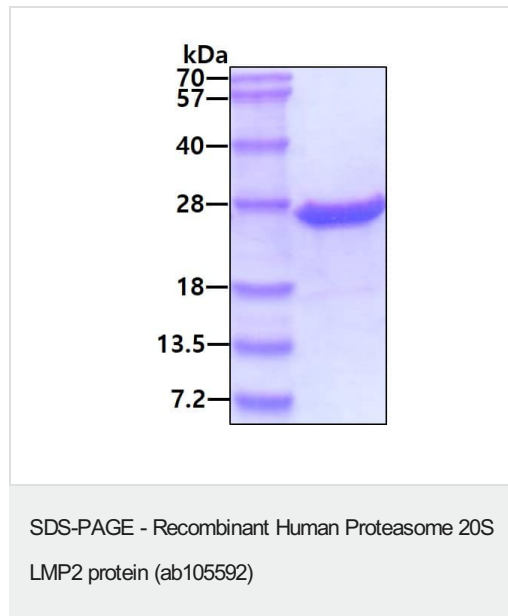
翻訳後修飾

Autocleaved. The resulting N-terminal Thr residue of the mature subunit is responsible for the nucleophile proteolytic activity.

細胞内局在

Cytoplasm. Nucleus.

画像



SDS-PAGE analysis of 3µg ab105592 under reducing condition and visualized by coomassie blue stain.

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