

Recombinant human Cathepsin S protein (His tag) ab198162

画像数 2

製品の詳細

製品名	Recombinant human Cathepsin S protein (His tag)
生理活性	Specific Activity: ≥ 700 pmole/min/ μ g
精製度	> 90 % SDS-PAGE.
発現系	Mammalian
アクセッション番号	<u>P25774</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MKRLVCVLLVCSSAVAQLHKDPTLDHHWHLWKKTYGKQYKEK NEEAVRRL IWEKNLKFVMLHNLEHSMGMHSYDLGMNHLGDMTSEEVMSLM SSLRVPSQ WQRNITYKSNPNRILPDSVDWREKGCVTEVKYQGSCGACWAF SAVGALEA QLKLKTGKLVSLSAQNLVDCSTEKYGNKGCNGGFMTTAFQYI IDNKGIDS DASYPKAMDQKCQYDSKYRAATCSKYTELPGREDVLKEAV ANKGPVSV GVDARHPSFFLYRSGVYYEPSCTQNVNHGVLVVGYGDLNGKE YWLVKNSW GHNFGEEGYIRMARNKGNHCGIASFPSYPEI
予測される分子量	37 kDa including tags
領域	1 to 331
タグ	His tag C-Terminus
配列の追加情報	Expressed in FreeStyle 293-F cells.

特性

Our **Abpromise guarantee** covers the use of **ab198162** 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

Functional Studies

SDS-PAGE

製品の状態

Liquid

備考

Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

前処理および保存

保存方法および安定性

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Preservative: 1.53% Imidazole

Constituents: 0.71% Tris HCl, 0.72% Sodium chloride, 0.02% Potassium chloride, 0.05% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 10% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

関連情報

機能

Thiol protease. Key protease responsible for the removal of the invariant chain from MHC class II molecules. The bond-specificity of this proteinase is in part similar to the specificities of cathepsin L and cathepsin N.

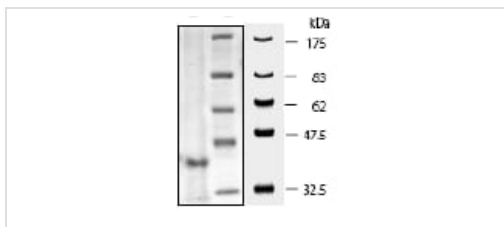
配列類似性

Belongs to the peptidase C1 family.

細胞内局在

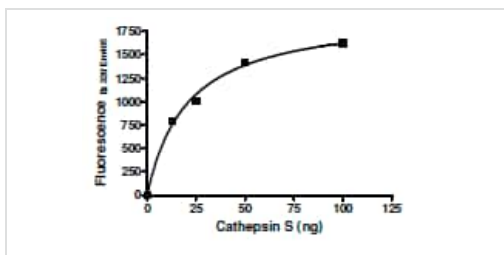
Lysosome.

画像



SDS-PAGE - Recombinant human Cathepsin S protein (His tag) (ab198162)

10% SDS-PAGE with Coomassie staining: 3 µg ab198162.



Functional Studies - Recombinant human Cathepsin S protein (His tag) (ab198162)

Example of specific activity of ab198162.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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