

Recombinant *S. cerevisiae* KEX2 protease protein (Active)  
ab96554

1 References

カルタヘナ法

製品の詳細

製品名	Recombinant <i>S. cerevisiae</i> KEX2 protease protein (Active)
生理活性	<p>ab96554 from High-5 insect cells contains the same specific activity and recognition sequence specificity as yeast derived KEX2.</p> <p>1 milligram of recombinant KEX2 contains activity equivalent to at least 40 units of yeast derived KEX2.</p> <p>Cleaves at the carboxyl side of K/R-R.</p>
精製度	<p>&gt; 95 % SDS-PAGE.</p> <p>&gt;= 95% HPLC analyses.</p>
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	BTI-TN-5B1-4 cells
アクセッション番号	<b>P13134</b>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	<i>Saccharomyces cerevisiae</i>
配列	

LPVPAPPMDS SLLPVKEAED KLSINDPLFE  
RQWHLVNPSF PGSDINVLDL WYNNITGAGV  
VAAIVDDGLD YENEDLKDNF CAEGSWDFND  
NTNLPKPRLS DDYHGTRCAG EIAAKKGNNF  
CGVGVGYNK ISGIRILSGD ITTEDEAASL  
IYGLDVNDIY SCSWGPADDG RHLQGPSDLV  
KKALVKGVTE GRDSKGAIYV FASGNGGTRG  
DNCNYDGYTN SIYSITIGAI DHKDLHPPYS  
EGCSAVMAVT YSSGSGEYIH SSDINGRCSN  
SHGGTSAAAP LAAGVYTL L EANPNLTWRD  
VQYLSILSAV GLEKNADGDW RDSAMGKKYS  
HRYGFGKIDA HKLIEMSKTW ENVNAQTW FY  
LPTLYVSQST NSTEETLESV ITISEKSLQD  
ANFKRIEHVT VTVDIDTEIR GTTTVDLISP  
AGIISNLGVV RPRDVSSEGF KDWTFMSVAH

WGENGVGDWK IKVKTTE NGH RIDFHSWRLK  
LFGESIDSSK TETFFVFGNDK EEVEPAATES  
TVSQYSASST SISISATSTS SISIGVETSA  
IPQTTTASTD PDSDPNTP

予測される分子量	60 kDa
領域	110 to 667
製品の詳細	Recombinant <i>S. cerevisiae</i> KEX2 protease protein (Active)

## 特性

Our **Abpromise guarantee** covers the use of **ab96554** 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	HPLC
	SDS-PAGE
	Functional Studies

製品の状態	Lyophilized
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## 前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
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Constituents: 0.0555% Calcium chloride, 0.082% Sodium acetate

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

再構成	Reconstitute in water to 0.1-1.0 mg/ml. Store at 2°C to 8°C for up to 1 week or prepare for extended storage. After initial reconstitution, further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA). Store working aliquots at -20°C to -80°C
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## 関連情報

関連性	Kex2 in the yeast <i>Saccharomyces cerevisiae</i> is a transmembrane, Ca <sup>2+</sup> -dependent serine protease of the subtilisin-like pro-protein convertase (SPC) family with specificity for cleavage after paired basic amino acids. At steady state, Kex2 is predominantly localized in late Golgi compartments and initiates the proteolytic maturation of pro-protein precursors that transit the distal secretory pathway. However, Kex2 localization is not static, and its itinerary apparently involves transiting out of the late Golgi and cycling back from post-Golgi endosomal compartments during its lifetime.
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細胞内局在	Golgi apparatus; trans-Golgi network; trans-Golgi network membrane; single-pass type I membrane protein.
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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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