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SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Recombinant Kex2 protease

Cat. No.:	HY-E70200
CAS No.:	99676-46-7
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Recombinant Kex2 protease

BIOLOGICAL ACTIVITY

Description	Recombinant Kex2 protease is a membrane-bound, Ca ²⁺ -dependent serine protease. Recombinant Kex2 protease specifically recognize and cleave the carboxyl-terminal peptide bonds of dibasic amino acids ^[1] .
In Vitro	Protocol 1) Reaction buffer: 50 mM Tris-HCl, 2 mM CaCl ₂ (pH 7.0-9.0). 2) Storage buffer: 20 mM (pH 5.2) NaAc-HAc, 2 mM CaCl ₂ . If not used immediately after dissolution, the product can be dissolved in storage buffer. The final concentration of the enzyme after dissolution is about 1-10mg/ml, according to It needs to be aliquoted and stored below -20°C. 3) Reaction conditions: The optimal reaction pH is 9.0, and the stable pH is 5.0-6.0. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Redding K, et, al. Immunolocalization of Kex2 protease identifies a putative late Golgi compartment in the yeast *Saccharomyces cerevisiae*. *J Cell Biol.* 1991 May;113(3):527-38.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA