

## Kex2 Protease from *Saccharomyces cerevisiae*, Recombinant

Recombinant *Saccharomyces cerevisiae* Kex-2 (110-660aa) protease was expressed in yeast cells. The enzyme commission number is EC 3.4.21.61.

[Learn More](#)

### Product Overview

KEX2 is a calcium-dependent serine protease that shares structural similarities with the bacterial protease subtilisin. KEX2 hydrolyzes the bond between Lys-Arg, Arg-Arg, Pro-Arg amino acid pairs. Recombinant KEX2 is useful for processing fusion proteins that contain the KEX2 recognition site. The enzyme stabilizes in a pH range of 5.0-6.0. The optimum catalytic pH is 9.0. The enzyme is not inhibited by conventional serine protease inhibitors such as PMSF, TPCK, and TLCK.

### Product Information

Product Name	<a href="#">Kex2 Protease from <i>Saccharomyces cerevisiae</i>, Recombinant</a>	Source	<i>Pichia pastoris</i>
Cat. No.	<a href="#">NATE-1891</a>	Form	White lyophilized
Activity	14.4 unit/mg protein	pH Stability	5.0-6.0
Optimum temperature	37°C	Optimum pH	9

Creative Enzymes also provides other [protease](#) for research or industrial uses. Please [contact us](#) for more information regarding our products and services.

[Learn More](#)