

## PRODUCT INFORMATION SUMMARY

### Yeast Kex-2

Protease

Purified Factor	Product Number	HC411460B	250.0 ug
	Product Number	HC411460A	50.0 ug

#### DESCRIPTION:

The KEX-2 Protease, also known as Endoproteinase Lys/Arg-Arg, is an enzyme that cleaves peptides at the carboxyl end of the sequence Arg-Arg/X and Lys-Arg/X. KEX-2 and similar proteases are involved in many processes including prenatal development, reproduction, autoimmune disease, cancer and immune responses. KEX-2 protease has a 59.9 kDa molecular weight with 554 aa. Residues.

**SOURCE:** High-5 Insect cells  
Purity > 95% by HPLC analysis  
Endotoxin < 0.1 ng per ug Kex-2  
Sterile-filtered and lyophilized from Sodium Acetate

#### BIOLOGICAL ACTIVITY:

One milligram of this recombinant protease has equivalent activity of approximately 40 units of yeast derived KEX-2.

**Reaction buffer:** 100 mM Tris, 1mM CaCl<sub>2</sub>,, pH 7.2

#### HANDLING AND STORAGE:

Purified KEX-2 factor is provided lyophilized. Store lyophilized, at -20° C. **Microcentrifuge** before reconstitution (see below). Reconstitute to concentration of approximately 100.0 ug/mL in sterile or distilled water, further dilute in PBS or other buffered solutions. Store small aliquots at -20 ° C for long-term storage, at high concentration.

**Before opening vial**, it is recommended to **microcentrifuge** vial for 30 seconds to **spin-down** any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**RESEARCH USE ONLY -NOT for DRUG USE**