

Recombinant Kex2 Protease

Catalog No: #RE009



Package Size: #RE009-1 50ug #RE009-2 1mg #RE009-3 5mg

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Description

Product Name	Recombinant Kex2 Protease
Storage	Stability of storage:Recombinant kex2 protease should be stored under 2-8°C in sealed container.It is stable within 6 months.After dissolved with 20mM NaAc-HAc,pH 5.2,2mM Ca2+,it should be stored under -20°C.Stability of transport:The product is stable by blue ice insulation transport.

Product Description

Kex2 is a Ca²⁺ dependent serine protease and cleaves at C-terminal site of Lys-Arg, Arg-Arg, Pro-Arg in pro- α -factor and killer-toxin precursors maturing. But Kex2 can't recognize and cut a single basic amino acid, such as carboxyl end peptide bond of arginine and lysine. Recombinant Kex2 protease is a genetically engineered protein expressed in *Pichia pastoris* and with equivalent properties compared to native *Saccharomyces cerevisiae* Kex2. The activity of Kex2 is not affected by the conventional serine protease inhibitors such as PMSF, TPCK, TLCK inhibition. The optimal pH of Kex2 protease is 9.0. It is stable in buffer (pH 5.0-6.0).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.