



## Technical Data Sheet

### Recombinant Bovine Enterokinase (rbEK )

<b>Catalog Number:</b>	RC572-12
<b>Source:</b>	<i>Saccharomyces Cerevisiae</i>
<b>Molecular Weight:</b>	Approximately 43.0 kDa, a single glycosylated polypeptide chain containing 235 amino acids.
<b>Quantity:</b>	100IU/250IU/1000IU
<b>Unit Definition:</b>	One unit is defined as the amount of enzyme needed to cleave 50 ug of fusion protein in 16 hours to 95% completion at 25°C in a buffer containing 25 mM Tris-HCl, pH 7.6, 50 mM NaCl, and 2 mM CaCl <sub>2</sub> .
<b>Physical Appearance:</b>	Sterile liquid.
<b>Formulation:</b>	50 mM Tris-HCl, pH 8.0, 0.5M NaCl and 50% glycerol.
<b>Endotoxin:</b>	Less than 1EU/μg of rbEK as determined by LAL method.
<b>Storage:</b>	One year when stored at -20°C. <b>Avoid repeated freeze/thaw cycles.</b>
<b>Usage:</b>	This material is offered by Bio Basic Inc. for research, laboratory or further evaluation purposes. <b>NOT FOR HUMAN USE.</b>