Creative Enzymes
Diagnostic Enzymes

Recombinant Bovine Enterokinase Light Chain, Yeast (rBoEK, Yeast)

Product Information

Cat#	DIA-824
Descriptions	Recombinant Bovine Enterokinase Light Chain, Yeast (rBoEK, Yeast) is produced via yeast expression system with correct protein folding and high specific activity, exhibits excellent cleavage specificity and low non-specific degradation, and is suitable for processing pharmaceutical-grade recombinant proteins.
Applications	Recombinant Bovine Enterokinase Light Chain, Yeast (rBoEK, Yeast) is suitable for high-purity fusion protein processing detection kits and pharmaceutical grade protein assay reagent development.
CAS No.	461-01-1816
Molecular Weight	Approximately 43.0 kDa, a single glycosylated polypeptide chain containing 235 amino acids
Enzyme Source	Pichia Pastoris
Synonyms	Enterokinase, Serine Protease 7, Transmembrane Protease Serine 15
Form	Sterile liquid | 50 mM Tris-HCl, pH 8.0, 0.5 M NaCl and 50 % glycerol.
Activity Definition	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 CaCl2.
Storage	Avoid repeated freeze-thaw cycles. Store at -20 to -70°C in the original packaging for up to 6 months from the date of receipt. After opening, store at -20 to -70°C under sterile conditions for up to 3 months.

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