



Creative Enzymes

Diagnostic Enzymes

Diagnostic Enterokinase, GMP grade

Product Information

Cat#	TRA-009
Specification	50U
Description	Enterokinase (light chain) is a highly specific protease that recognizes the Asp-Asp-Asp-Asp-Lys sequence, cleaving peptides at the C-terminus of Lys. In vivo, it converts trypsinogen into active trypsin and can also cleave fusion proteins containing this recognition sequence.
CAS	9017-74-8
Form	Clear liquid
Activity	1 U/ μ L
Unit Definition	One unit is defined as the amount of enzyme required to cleave 0.5 mg of the reaction substrate Thioredoxin-NP-27 to NP-27 by 95% within 16 hours at 37°C.
Purity	\geq 95%
Buffer	20 mM Tris-HCl, 50 mM NaCl, 2 mM CaCl ₂ , pH 7.5
Optimum pH	7.0-8.0
Optimum temperature	20-25°C
Endotoxin Level	< 10 EU/mL
Storage	-20°C

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