

Recombinant Lys-N protease

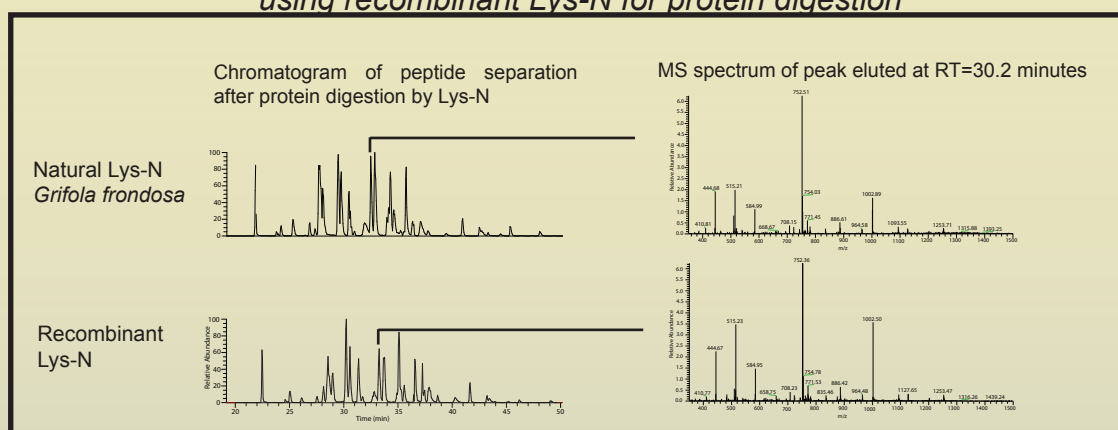
Specific for protein sequencing by Mass Spectroscopy

Now for the first time available from a recombinant source: Lys-N, a specific endopeptidase that hydrolyses the peptide bond at the N-terminus of lysine residues in peptides and proteins.

Advantages

- ✓ Specific cleavage at the amino-terminal site of lysine residues.
- ✓ Easy-to-interpret sequencing ladders in mass spectroscopy (CID-MS, ETD-MS, MALDI-MS/MS, LC-MS/MS, MALDI-MS/MS).
- ✓ More thermostable and active over a wider pH range than Lys-C.
- ✓ Recombinant Lys-N has less a-specific proteolytic activity than Lys-N purified from *Grifola frondosa*.

*Example of protein sequencing of BSA by MS
using recombinant Lys-N for protein digestion*



Product specifications

Amount	10 U
Specific activity	400 U/mg
Appearance	frozen
Buffer	20 mM HEPES, 10 mM NaCl pH 6.0

Ordering information

Recombinant Lys-N

Catalog no.	Amount	€*
L101	10 U	390,-

* Ex. VAT and shipping