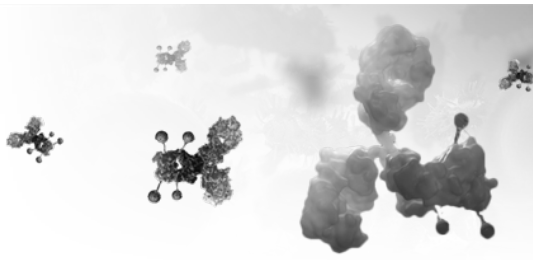

# Native Flavobacterium meningosepticum Proline-specific endopeptidase (DAG103)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| | |
|---|---|
| **Product Overview** | Enzyme purified fromFlavobacterium meningosepticum |
| **Specificity** | This enzymespecifically cleaves peptide bonds on the carboxy side of proline residues.Much slower hydrolysis is observed on the carboxy side of alanine residues. |
| **Species** | Flavobacterium meningosepticum |
| **Conjugate** | Unconjugated |
| **Molecular Weight** | 78000 |
| **Preservative** | None |
| **Storage** | 2-8°C short term, -20°C long term |

## BACKGROUND

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|---|---|
| **Introduction** | Proline specificendopeptidase, isolated from Flavobacterium sp., cleaves specifically thepeptide bonds on the carboxy side of proline residues1,2. This enzyme is veryclose, in its properties, to a post-proline cleaving enzyme3-5. Thesubstrates have been found to have the general structure Y-Pro-X, where Y is apeptide or N-protected amino acid and X may be an amino acid, peptide, amideor ester. Much slower hydrolysis is observed when the substrate is Y-Ala-X5. |
| **Keywords** | Prolylendopeptidase; Post-proline cleaving enzyme; Post-proline endopeptidase; Proline specific endopeptidase |

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