



California Bioscience

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Product Datasheet

Product Name	Aminopeptidase Aeromonas Recombinant
Cata No	CB500454
Source	<i>Aeromonas Proteolytica</i>
Synonyms	Bacterial leucyl aminopeptidase, EC 3.4.11.10

Description

The 29 kDa Aeromonas Aminopeptidase is produced by genetic engineering and can be used for physical & structural investigations, sequence and amino-terminal determinations. This exopeptidase recognizes a specific stop sign at -X-Pro and requires a free α -amino group in the L-configuration. It is therefore suitable for the removal of the redundant N-terminal methionine often added to engineered recombinant proteins.

Physical Appearance

Sterile filtered liquid formulation.

Biological Activity

Recombinant Aeromonas Aminopeptidase was found to have an activity of 120 Units/mg protein.

Purity

Greater than 98.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Formulation

Buffered solution containing 10mM Tris-HCL, 100mM NaCl and 5 μ M ZnSO₄, pH 8.0.

Stability

Two years when stored at -20°C, 2 weeks at 4°C

*** For Non-Clinical Research Use Only ***