

Aminopeptidase Recombinant Protein



RPPB1480

Product Information Protein Information

Product SKU:

RPPB1480

Accession:

Q01693

Host:

Aeromonas
Proteolytica.

Protein 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.

Appearance:

Sterile filtered liquid formulation.

Synonyms:

Bacterial leucyl aminopeptidase, EC 3.4.11.10.

Formulation:

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

Purity:

Greater than 95.0% as determined by SEC-HPLC.

Stability:

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

Biological Activity:

Recombinant Aeromonas Aminopeptidase was found to have an activity of 108 Units/mg protein.