

## Sequencing Grade Modified Trypsin

Catalog No: #RE012



Package Size: #RE012-1 100ug #RE012-2 1mg

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## Description

|                    |  |
|--------------------|--|
| Product Name       | Sequencing Grade Modified Trypsin  |
| Purification       | Purity(SDS-PAGE): Single major band Purity(HPLC): 95%  |
| Species Reactivity | 4500 USP units/mg pro.   |
| SDS-PAGE MW        | 24.02.4 kDa  |
| Target Sequence    | The amino acid sequence of sequencing grade modified trypsin is identical to porcine pancreas-derived trypsin  |
| Storage            | Stability of storage: Sequencing grade trypsin lyophilized should be stored under 2-8°C in sealed container. It is stable within 24 months. After dissolved with 1mM HCl or 50mM HAC, it should be stored under -20°C. It is no activity loss after 5 times repeated freezing and thawing. Stability of transport: The product is stable by blue ice insulation transport. |

## Product Description

SAB sequencing grade trypsin is a genetically engineered protein expressed in E.coli and the amino acid sequence of recombinant trypsin is identical to porcine pancreas-derived trypsin. Recombinant trypsin is free of any other proteases activities, and TPCK is unnecessary and not contained. Unmodified trypsin is subject to auto-proteolysis, generating fragments that can interfere with protein sequencing or HPLC/MS peptides analysis. SAB's sequencing grade modified trypsin is recombinant trypsin modified by reductive methylation, rendering it resistant to proteolytic digestion.

Note: This product is for in vitro research use only