

# Sequencing Grade Chymotrypsin

Catalog No: #RE013

Package Size: #RE013-1 100ug #RE013-2 1mg #RE013-3 10mg

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## Description

|                    |   |
|--------------------|---|
| Product Name       | Sequencing Grade Chymotrypsin   |
| Purification       | Purity(SDS-PAGE): Single major band Purity(HPLC): β 95%   |
| Species Reactivity | β 1500 USP units/mg pro.  |
| SDS-PAGE MW        | 24.0±2.4 kDa  |
| Target Sequence    | The amino acid sequence of sequencing grade chymotrypsin is identical to human chymotrypsin   |
| Storage            | Stability of storage: Sequencing grade chymotrypsin lyophilized should be stored under 2-8°C in sealed container. It is stable within 24 months. After dissolving with 50mM HAc, store at 2-8 °C, or use within 2 days. If the solution is stored at -20 °C or below, it is stable within 24 months. The solution should avoid repeated freezing and thawing and placing at room temperature a long time. Stability of transport: The product is stable by blue ice insulation transport. |

## Product Description

Sequencing grade chymotrypsin is a recombinant serine endopeptidase expressed in *Pichia pastoris*, purified with HPLC, the gene sequence is the same as human chymotrypsin. Sequencing grade chymotrypsin hydrolyzes at the carboxyl side of aromatic amino acids residues: Tyr, Phe and Trp. Cleavage may also be observed, but at a lower rate, at Leu and Met. The optimal pH is 7.0–9.0.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.