

**Recombinant Bovine Trypsin**

**Certificate of Analysis and Data Sheet**

<b>Source:</b> Corn	<b>Catalog No.</b> PRO-313
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**Description :**

Recombinant Bovine Trypsin is free from any animal and human sources.  
Recombinant Bovine Trypsin is purified by proprietary chromatographic techniques.

**Physical Appearance:**

Sterile Filtered clear solution.

**Formulation:**

Recombinant Bovine Trypsin solution (0.8mg/ml) contains 0.01% EDTA pH-7.4.

**Stability:**

Recombinant Bovine Trypsin although stable at 4 C for 3 weeks, should be stored desiccated below -18 C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

**Please avoid freeze-thaw cycles.**

**Purity:**

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Anion-exchange FPLC.
- (c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.

**Dimers and aggregates:**

Less than 1% as determined by silver-stained SDS-PAGE gel analysis.

**Biological Activity:**

ProSpec's Recombinant Bovine Trypsin is fully biologically active when compared to standard. The activity was tested by TAME method and was found to be 200-220

TAME-Units/ml.

➤ **Endotoxin:**

Less than 0.1 ng/μg (IEU/μg) of rTrypsin.

➤ **Usage:**

This material is offered by ProSpec-TechnoGene for research, laboratory or further evaluation purposes.