

# Ostreolysin Recombinant Protein



RPPB4173

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## Product Information   Protein Information

**Product SKU:**

RPPB4173

**Accession:**

Q56QW9

**Host:**

Escherichia Coli.

**Protein description:**

Pleurotus Ostreatus Ostreolysin Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 137 amino acids and having a molecular mass of 15 kDa. The Ostreolysin is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Formulation:**

The Ostreolysin protein was lyophilized from a concentrated (1mg/ml) solution with 0.02% NaHCO<sub>3</sub>.

**Purity:**

Greater than 98.0% as determined by:(a) Analysis by Gel filtration analysis.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Ostreolysin in sterile 0.4% NaHCO<sub>3</sub>, not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Pleurotus Ostreatus Ostreolysin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon C between 2-7 days and for future use reconstituted Ostreolysin should be stored at 4°C 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.

**Amino Acid Sequence:**

The N-terminal amino sequence is Ala-Tyr-Ala-Gln-Trp-Val.

**Biological Activity:**

Ostreolysin has potent anti-carcinogenic activity in several colon cancer cell lines.