

Product Datasheet

Ostreolysin Protein orb611185

Description	Recombinant Ostreolysin protein
Sequence	Ala-Tyr-Ala-Gln-Trp-Val
Form/Appearance	The Ostreolysin protein was lyophilized from a concentrated solution with 0.02% NaHCO ₃ .
Concentration	1mg/ml
Storage	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).
Note	For research use only.
Protein Sequence	Protein quantitation was carried out by UV spectroscopy at 280 nm using the absorbency value of 2.64 as the extinction coefficient for a 0.1% (1mg/ml) solution at pH 8.0. This value is calculated by the DNA-man computer analysis program.
Purity	Greater than 98.0% as determined by: (a) Analysis by Gel filtration analysis. (b) Analysis by SDS-PAGE.
MW	15 kDa
Source	Escherichia Coli
Biological Origin	Ostreolysin has potent anti-carcinogenic activity in several colon cancer cell lines.
Solubility (25°C)	It is recommended to reconstitute the lyophilized Ostreolysin in sterile 0.4% NaHCO ₃ , not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.
Application Notes	Recombinant & Natural Proteins