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## Product Datasheet

### **Ice-structuring Protein Lambda OP-3, Recombinant, Zoarces americanus, aa23-91, His-Tag (ISP lambda OP-3) USB-373723**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Ice-structuring Protein Lambda OP-3, Recombinant, Zoarces americanus, aa23-91, His-Tag (ISP lambda OP-3)                                                                                                                                                      |
| Biozol Catalog Number      | USB-373723                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | 373723                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | USB-373723-20, USB-373723-100                                                                                                                                                                                                                                 |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                 |
| Category                   | Molekularbiologie                                                                                                                                                                                                                                             |
| Product Description        | Contributes to protect fish blood from freezing at subzero sea water temperatures. Lowers the blood freezing point. Binds to nascent ice crystals and prevents further growth (By similarity). Source: Recombinant protein corresponding to aa23-91 from z... |
| Molecular Weight           | 11.6                                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">P19606</a>                                                                                                                                                                                                                                        |
| Purity                     | 90% (SDS-PAGE)                                                                                                                                                                                                                                                |
| Form                       | Supplied as a lyophilized powder from 20mM Tris-HCl, 0.5M sodium chloride, pH 8.0, 6% trehalose. Reconstitute with sterile ddH2O to a concentration of 0.1-1mg/ml.                                                                                            |