

Phi6 dsRNA

F-630

20 µg 500 ng/µl

Store at -20°C

Stable for one year from the assay date.

An equimolar mixture of three linear double-stranded RNA segments that constitute the bacteriophage Φ 6 genome. The dsRNA fragments are 2948 bp (S segment), 4063 bp (M) and 6374 bp (L) in length. The relative concentrations of the S, M and L segments are approximately 110, 150 and 240 ng/µl, respectively.

Source: Isolated from the wild-type bacteriophage Φ 6 propagated in *P. syringae* pv. *phaseolicola* HB10Y.

Storage buffer: 10 mM Tris-HCl (pH 8.0), 1 mM EDTA

Unit definition: 1.0 A_{260} unit dsRNA = 40 µg/ml

Protein contamination test: The presence of protein contamination in Phi6 dsRNA was tested by determining the ratio of spectrophotometric absorbances at 260 nm and 280 nm. The A_{260}/A_{280} ratio for the product was between 1.8 and 2.2.

Ribonuclease assay: Incubation of 5 µg of Phi6 dsRNA (1 h, 37°C, 50 µl) with 1 µg of single-stranded MS2 RNA resulted in the similar MS2 RNA pattern as that produced without the Phi6 dsRNA.

WARRANTY

Finnzymes Oy warrants that this product will meet the specifications stated on the technical data section of this data sheet, and Finnzymes Oy agrees to replace the product free of charge if the product does not conform to the specifications. Notice for replacement must be given within 60 days.

In consideration of the above promises by Finnzymes Oy, the buyer agrees to and accepts the following conditions:

- That this warranty is in lieu of all other warranties, express or implied;
- That **ALL WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY EXCLUDED AND WAIVED;**
- That the buyer's sole remedy shall be to obtain replacement of the product free of charge from Finnzymes Oy; and
- That this remedy is in lieu of all other remedies or claims for damages, consequential or otherwise, which the buyer may have against Finnzymes Oy.

Exclusive terms of sale:

Finnzymes Oy does not agree to and is not bound by any other terms or conditions, unless those terms and conditions have been expressly agreed to in writing by a duly authorized officer of Finnzymes Oy. Prices are subject to change without notice.

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Finnzymes Oy recommends that the buyer and other persons using the products follow the Guidelines for Research involving Recombinant DNA Molecules (NIH guidelines) Federal Register, July 5, 1994 (59 FR 34496) and any amendments thereto. Finnzymes Oy disclaims any and all responsibility for any injury or damage which may be caused by the failure of the buyer or any other person to follow said guidelines.

Research Use Only

Since these products are intended for research purposes by qualified persons, the Environmental Protection Agency does not require us to supply Premanufacturing Notice.

Notice to Buyer/User:

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