

# RIBOPROTECT™

## RNase Inhibitor

Highest **PURITY**

Improved **STABILITY**



### RIBOPROTECT™ RNase Inhibitor

We offer robust **RNase inhibitor** that inhibits eukaryotic, pancreatic type ribonucleases (e.g. RNases A, B and C) by forming stable complexes with these enzymes. Our recombinant inhibitor is of highest purity and stability. **RIBOPROTECT RNase Inhibitor** is a premium protection tool in applications where presence of RNases may be detrimental to the quality of the purified RNA, e.g. in RNA isolation, or may interfere with RNA-based processes like cDNA synthesis, RT-PCR, RT-qPCR, *in vitro* transcription and translation. It is also used in preparation of monoclonal antibodies free of residual RNase activity. **RIBOPROTECT RNase Inhibitor** is expressed in *E. coli* as soluble protein and is purified to >90% purity (by SDS PAGE). It is free of any *E. coli* nucleases.

Please note, that **RIBOPROTECT RNase Inhibitor** is not effective against RNase 1, RNase T1, S1 Nuclease or RNase H.

### FEATURES & ADVANTAGES:

- **Active at high temperatures** (full activity up to 55°C)
- **Active at diverse reaction conditions and in various buffers**
- **Improved resistance to oxidation**
- **Free of DNase, RNase & endonuclease activities**
- **Full stability at 37°C for at least 4 weeks**

### RIBOPROTECT™ Hu RNase Inhibitor

Recombinant human placental RNase inhibitor expressed in *E. coli*



Enzymes  
As You Need

[www.blirt.eu](http://www.blirt.eu)

BLIRT S.A. | Trzy Lipy 3/1.38 | 80-172 Gdańsk | Poland  
T: +48 58 739 61 50 | F: +48 58 739 61 51 | [orders@blirt.eu](mailto:orders@blirt.eu)