# Product Information Sheet for NR-8141

## Ferret Orthologue of *Homo sapiens* IFI35, Forward Primer

## Catalog No. NR-8141

This reagent is the tangible property of the U.S. Government.

## For research use only. Not for human use.

### Contributor:

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### Product Description:

NR-8141 pairs with NR-8142 to amplify the ferret (*Mustela putoris furo*) orthologue of *Homo sapiens* IFI35 (interferon-induced protein 35), (NCBI GeneID: 3430).[1]

Primer sequence and properties for NR-8141 are shown in Table 1.

### Material Provided:

Each vial contains lyophilized oligonucleotide primer. The total primer content for each vial is shown on the Certificate of Analysis.

### Packaging/Storage:

Primers were packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C upon arrival. Reconstituted primer should also be stored at -20°C. Freeze-thaw cycles should be minimized.

### Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Ferret Orthologue of *Homo sapiens* IFI35, Forward Primer, NR-8141."

### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm.

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### References:


1. http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&cmd=search&term=+3430


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**Table 1**

| Sequence | Length (nucleotides) | Molecular Weight (g/mole) | $\varepsilon_{260}$ [L/(mole)(cm)] | $T_m$ (°C) | GC Content |
|---|---|---|---|---|---|
| 5'-GGGCTCCGGCTGAGTGA-3' | 17 | 5267.45 | 161045.5 | 64.43 | 71% |


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