Ferret Orthologue of Homo sapiens Hsp40, Reverse Primer

Catalog No. NR-8082
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For research use only. Not for human use.

Contributor:
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Product Description:
NR-8082 pairs with NR-8081 to amplify the ferret (Mustela putorius furo) orthologue of Homo sapiens Hsp40 (DnaJ) subfamily B, member 1. Hsp40 is a molecular chaperone (NCBI GeneID: 3337).

Primer sequence and properties for NR-8082 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 Hsp40, Reverse Primer, NR-8082.”

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.


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References:

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Table 1

<table>
<thead>
<tr>
<th>Sequence</th>
<th>Length (nucleotides)</th>
<th>Molecular Weight (g/mole)</th>
<th>ε₂₆₀ [L/(mole)(cm)]</th>
<th>Tₘ (°C)</th>
<th>GC Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'-CATGAAACGTGGACTGGTG-3'</td>
<td>20</td>
<td>6188.11</td>
<td>195230.4</td>
<td>60.4</td>
<td>50%</td>
</tr>
</tbody>
</table>