

## Ferret Orthologue of *Homo sapiens* STAT3, Forward Primer

### Catalog No. NR-8121

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

#### Contributor:

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#### Product Description:

NR-8121 pairs with NR-8122 to amplify the ferret (*Mustela putorius furo*) orthologue of *Homo sapiens* STAT3 (signal transducer and activator of transcription 3 (acute-phase response factor)), (NCBI GenElD: 6774).<sup>1</sup>

Primer sequence and properties for NR-8121 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* STAT3, Forward Primer, NR-8121."

#### 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/bmb15/bmb15toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

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#### References:

1. <http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&cmd=search&term=6774>

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Table 1

Sequence	Length (nucleotides)	Molecular Weight (g/mole)	$\epsilon_{260}$ [L/(mole)(cm)]	T <sub>m</sub> (°C)	GC Content
5'-CAACCCCAAGAACGTGAACT-3'	20	6063.99	203098	60.4	50%