



FOR IMMEDIATE RELEASE

## **OriGene Adds Nuclear Hormone Receptor CloneSet™ to TrueClone™ Collection**

Rockville, MD. February 24, 2004 – OriGene Technologies Inc today announced the addition of the NHR (Nuclear Hormone Receptor) CloneSet™, a designated subset of 70 full-length nuclear hormone receptor cDNA clones, to their TrueClone™ Collection product line.

Nuclear hormone receptors are intracellular transcription factors that directly regulate gene expression in response to lipophilic molecules. By interacting with their nuclear receptors, hormones regulate a wide variety of physiological functions including fatty acid metabolism, cell differentiation, and reproductive development. Because of the ubiquitous and multifaceted physiological roles of NHR's, mutations in these proteins cause serious health consequences.

"The hormone-receptor complex interacts with other nuclear elements, such as transcription factors, adapter proteins, co-activators, and transacetylases," commented Zairen Sun PhD, Vice President of Research and Development. "The NHR CloneSet will greatly benefit researchers by providing a tool-set central to the study of nuclear hormone receptor mechanism of action - as it relates specifically to transcription regulation and to physiology in general."

OriGene's TrueClone Collection of 20,000 full-length human cDNAs includes over 75% of the NM sequences in the NCBI RefSeq database and covers 65-80% of the predicted human cDNA repertoire. Additional gene family collections available from OriGene include the Protein Kinase CloneSet of more than 560 full-length kinase genes and their variants and the GPCR CloneSet of over 340 full-length human non-olfactory G protein-coupled receptors.

### **About OriGene Technologies**

OriGene Technologies, a molecular tool provider for system biology studies, utilizes high-throughput gene cloning and gene expression profiling to develop commercially available products for pharmaceutical, biotechnology, and academic research and discovery applications. OriGene's flagship product is the TrueClone™ Collection, a searchable gene bank of over 20,000 human full-length cDNA clones suitable for transfection and direct *in vitro* expression. Additional products and services include Blue-Ribbon™ Gene Expression Reagents for RNA and functional gene analysis and Rapid-Screen™ Tools for cDNA screening and full-length gene isolation. More information about OriGene Technologies and their products can be found at the company's web site at <http://www.origene.com>.

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