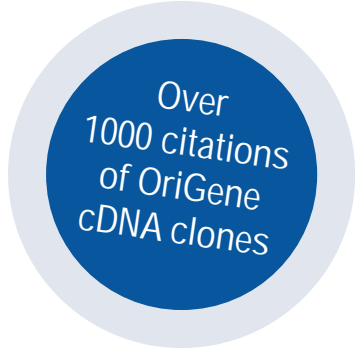


# cDNA Clones

## TrueORF<sup>®</sup> Clones (Tagged)

TrueORF<sup>®</sup> cDNA clones are tagged cDNA clones for protein studies.

- ◆ Genome wide ORF clones for human, mouse and rat.
- ◆ 15,000 TrueORF Gold clones.
- ◆ 18,000 clones already validated by Western blot.
- ◆ Two types of ready-to-order clones: Myc-DDK tagged or GFP tagged.
- ◆ 60 destination vectors for additional applications.
- ◆ Easy shuttling with RapidShuttling kit.



Over  
1000 citations  
of OriGene  
cDNA clones

## TrueClone<sup>®</sup> (Untagged)

TrueClones<sup>®</sup> are full-length cDNA clones derived from human and mouse cDNA libraries. TrueClones<sup>®</sup> are ideal for over-expression of native proteins for functional studies. For over-expression of tagged proteins, OriGene offers TrueORF<sup>®</sup> with built-in tags for convenient detection and purification.

### Applications:

- ◆ Native protein over-expression in mammalian cells.
- ◆ Subclone into expression vectors for tagged protein expression.
- ◆ Functional screening a large number of transfected cells for pathway elucidation.
- ◆ Hybridization probe for Southern, Northern and in situ hybridization.
- ◆ Real-time PCR template standards.

### Features and benefits:

- ◆ Comprehensive coverage: 33,000 human clones and 6,000 mouse clones.
- ◆ Expression clone driven by CMV promoters.
- ◆ Authentic transcripts without PCR artifacts.
- ◆ Provided as 10ug transfection-ready plasmids.

# HuSH-29: Genome-wide shRNA for Human, Mouse & Rat Genes

## Superior to traditional 21mer

Longer RNAi Dicer substrates produce higher potency and specificity than traditional 21mer forms.

- ◆ For Human, Mouse & Rat Genes
- ◆ Transient / Stable Transfection + Retroviral Infection
- ◆ Choice of vectors with GF or RFPP
- ◆ Genome-wide coverage for human
- ◆ siRNA Kit-3 gene-specific duplexes + 1 control



## Features and benefits:

- ◆ Three retroviral vector options:
  - pRS: basic retroviral vector without fluorescence
  - pRS-GFP: GFP signal to monitor transfection
  - pRS-RFP: ideal for double knockdown or co-transfection
- ◆ Guaranteed successful gene knockdown ( 70%).
- ◆ Versatile applications: transient/stable transfection or retroviral infection.
- ◆ Delivers 5 µg transfection-ready DNA prepared by PowerPrep® HP Kits.



**Imported & Marketed in India by:**

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