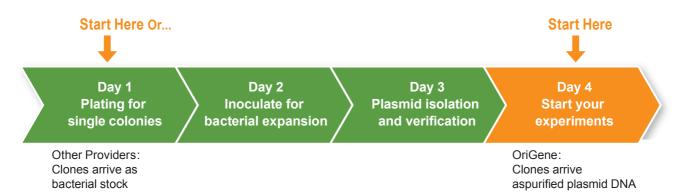
cDNA clones

When you need a cDNA clone, OriGene is your best choice. Our 100,000 ready-to-ship cDNA clones offer a quick and cost-saving solution.

- Comprehensive, human, mouse, rat and virus
- Expression clones drive by CMV promoter
- 10µg transfection-ready plasmids



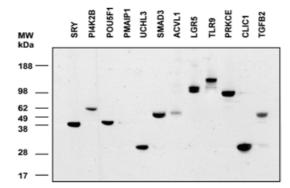
Two major types of cDNA clones offered

TrueClone (non-tagged clones)

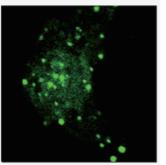
- •Native protein expressed, no tags
- Cost effective and time saving
- Pathway-specific clone sets

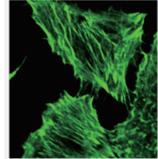
TrueORF (tagged-ORF clones)

- Two types of tags, Myc-DDK or GFP tag. Purification of tagged protein
- 20,000 TrueORF Gold, Expression validated
- Flexibility, easily shuttled into
 70 destination vectors (different tags)



Myc-DDK tagged ORF clones were transfected into HEK293 cells WB was done with anti-DDKtag





GFP tagged ORF clone was transfected into HEK293 cells. GFP tagged ORF clone can be used to track fusion protein cellular localization

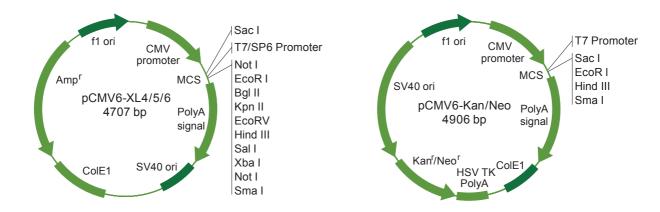


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cDNA clone vectors

TrueClone vectors (non-tagged)

Most of the non-tagged cDNA clones were cloned in pCMV6-XL4, 5 and 6 vectors. The cDNA inserts are easily shuttled into pCMV6-Neo vector which contains a neomycin mammalian selection marker.



TrueORF Vectors (tagged)

	pCMV6-Entry	pCMV6-AC-GFP	pLenti-C-Myc-DDK	pLenti-C-mGFP
Vector SKU	<u>PS100001</u>	PS100010	<u>PS100064</u>	<u>PS100071</u>
Vector Map	Sup of the start o	PCMV6-AC-GFP 6.6 kb Reor SV40 or Pres	PLenti-C-Myc-DDK	PLenti-C-GFP 7.0 kb 8 still 9 still 7.0 kb 9 still 9 9
Fusion Tag	C-terminal Myc-DDK	C-terminal tGFP	C-terminal Myc-DDK	C-terminal mGFP
Ideal For	Detection and purification of over-expressed protein	Tracking the over-expressed protein in transfected cells	In hard-to-transfect cells: Detection and purification of over-expressed protein	Tracking the over-expressed protein in transfected cells
ORF Clone SKUs	RC2XXXXX	RG2XXXXX	RC2XXXXXL1	RC2XXXXXL2

