

## Product datasheet for **RC200060L2V**

### NFYC (NM\_014223) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | NFYC (NM_014223) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | NFYC   |
| Synonyms:                 | CBF-C; CBFC; H1TF2A; HAP5; HSM; NF-YC  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_014223  |
| ORF Size:                 | 1005 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC200060).   |
| OTI Disclaimer:           | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a> |
| OTI Annotation:           | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.   |
| RefSeq:                   | <a href="#">NM_014223.2</a>  |
| RefSeq Size:              | 2105 bp  |
| RefSeq ORF:               | 1008 bp  |
| Locus ID:                 | 4802   |
| UniProt ID:               | <a href="#">Q13952</a>   |
| Cytogenetics:             | 1p34.2   |
| Domains:                  | CBFD_NFYB_HMF  |
| Protein Families:         | Transcription Factors  |



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**Protein Pathways:** Antigen processing and presentation

**MW:** 37.2 kDa

**Gene Summary:** This gene encodes one subunit of a trimeric complex forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoters of a variety of genes. The encoded protein, subunit C, forms a tight dimer with the B subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each contain a histone-like motif. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]