

Product datasheet for **RC218845L4V**

BRD4 (NM_058243) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | BRD4 (NM_058243) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | BRD4 |
| Synonyms: | CAP; HUNK1; HUNKI; MCAP |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_058243 |
| ORF Size: | 4086 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC218845). |
| 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. More info |
| 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: | NM_058243.1 |
| RefSeq Size: | 5198 bp |
| RefSeq ORF: | 4089 bp |
| Locus ID: | 23476 |
| UniProt ID: | O60885 |
| Cytogenetics: | 19p13.12 |
| Domains: | BROMO |
| Protein Families: | Protein Kinase |



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MW: 152 kDa

Gene Summary: The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]