

Product datasheet for **RC204170L3V**

ID4 (NM_001546) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | ID4 (NM_001546) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ID4 |
| Synonyms: | bHLHb27; IDB4 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001546 |
| ORF Size: | 483 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC204170). |
| 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_001546.2 |
| RefSeq Size: | 2389 bp |
| RefSeq ORF: | 486 bp |
| Locus ID: | 3400 |
| UniProt ID: | P47928 |
| Cytogenetics: | 6p22.3 |
| Domains: | HLH |
| Protein Families: | ES Cell Differentiation/IPS, Transcription Factors |



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Protein Pathways: TGF-beta signaling pathway

MW: 16.4 kDa

Gene Summary: This gene encodes a member of the inhibitor of DNA binding (ID) protein family. The encoded protein lacks DNA binding ability, and instead regulates gene expression through binding to and inhibiting basic helix-loop-helix transcription factors. This protein has been implicated in the regulation of diverse cellular processes that play a role in development and tumorigenesis. [provided by RefSeq, Aug 2017]